

# λέξις

*a xaringan theme*

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[What does "λέξις" mean](#)

# Text styling

Header level 1

Regular

*Italics*

Header level 2

**Bold**

Header level 3

***Bold italics***

**Header level 4**

~~Strikethrough~~

Header level 5

*Fancy text*

Header level 6

[external link](#)

`Inline code`

# Inverse text styling

Header level 1

Regular

*Italics*

Header level 2

**Bold**

Header level 3

***Bold italics***

**Header level 4**

~~Strikethrough~~

Header level 5

*Fancy text*

Header level 6

[external link](#)

`Inline code`

# Colors!

Use this...

...to get this

- `.red[text]` • **text**
- `.orange[text]` • **text**
- `.yellow[text]` • **text**
- `.green[text]` • **text**
- `.darkgreen[text]` • **text**
- `.blue[text]` • **text**
- `.darkblue[text]` • **text**
- `.purple[text]` • **text**
- `.black[text]` • **text**

# Tables

```
knitr::kable(head(mpg))
```

manufacturer	model	displ	year	cyl	trans	drv	cty	hwy	fl	c
audi	a4	1.8	1999	4	auto(l5)	f	18	29	p	c
audi	a4	1.8	1999	4	manual(m5)	f	21	29	p	c
audi	a4	2.0	2008	4	manual(m6)	f	20	31	p	c
audi	a4	2.0	2008	4	auto(av)	f	21	30	p	c
audi	a4	2.8	1999	6	auto(l5)	f	16	26	p	c
audi	a4	2.8	1999	6	manual(m5)	f	18	26	p	c

# Block quotes

Use the `>` to make block quotes:

```
> This is what a block quote looks like.
```

This is what a block quote looks like.

# Github code chunk highlighting

```
# function args are keywords c; function names  
are keywords d  
foo <- function(arg1 = 100, arg2 = "character  
string") {  
  if (TRUE) {  
    x = NULL # if, function, NULL are keywords a  
    for (i in 1:10) x = c(x, mean(3 * rnorm(100)  
+ 1))  
  }  
}  
  
1 + "a" # error
```

```
#> Error in 1 + "a": non-numeric argument to  
binary operator
```

# Line highlighting

An example of using the trailing comment `#<<` to highlight lines:

## Code

```
```{r}
library(ggplot2)
ggplot(mtcars) +
  aes(mpg, disp) +
  geom_point() +      #<<
  geom_smooth()      #<<
```
```

## Output

```
library(ggplot2)
ggplot(mtcars) +
  aes(mpg, disp) +
  geom_point() +
  geom_smooth()
```



# Layouts!

# Fancy panels!

---

R Code

Plot

```
ggplot(mtcars, aes(x = mpg, y = hp)) +  
  geom_point() +  
  theme_bw() +  
  labs(color = 'Cylinders')
```

# Three equal columns

.cols3[]

Lorem ipsum dolor  
sit amet,  
consectetur  
adipiscing elit, sed  
do eiusmod tempor  
incididunt ut labore  
et dolore magna  
aliqua. Ut enim ad  
minim veniam, quis  
nostrud exercitation  
ullamco laboris nisi  
ut aliquip ex ea  
commodo  
consequat

.cols3[]

Lorem ipsum dolor  
sit amet,  
consectetur  
adipiscing elit, sed  
do eiusmod tempor  
incididunt ut labore  
et dolore magna  
aliqua. Ut enim ad  
minim veniam, quis  
nostrud exercitation  
ullamco laboris nisi  
ut aliquip ex ea  
commodo  
consequat

.cols3[]

Lorem ipsum dolor  
sit amet,  
consectetur  
adipiscing elit, sed  
do eiusmod tempor  
incididunt ut labore  
et dolore magna  
aliqua. Ut enim ad  
minim veniam, quis  
nostrud exercitation  
ullamco laboris nisi  
ut aliquip ex ea  
commodo  
consequat

# Two equal columns

`.leftcol[]` or `.pull-left[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

`.rightcol[]` or `.pull-right[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

# Two columns: 60-40 split

`.leftcol60[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

`.rightcol40[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

# Two columns: 70-30 split

`.leftcol70[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

`.rightcol30[]`

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex

# Two columns: 80-20 split

`.leftcol80[]`

Lorem ipsum dolor sit amet, consectetur  
adipiscing elit, sed do eiusmod tempor incididunt  
ut labore et dolore magna aliqua. Ut enim ad  
minim veniam, quis nostrud exercitation ullamco  
laboris nisi ut aliquip ex ea commodo consequat.

`.rightcol20[]`

Lorem  
ipsum dolor  
sit amet,  
consectetur  
adipiscing  
elit, sed do  
eiusmod  
tempor  
incidunt  
ut labore et  
dolore  
magna  
aliqua. Ut  
enim ad

## ...other two-column split options

50-50: `.leftcol[]`  
`.rightcol[]`

55-45: `.leftcol55[]`  
`.rightcol45[]`

60-40: `.leftcol60[]`  
`.rightcol40[]`

65-35: `.leftcol65[]`  
`.rightcol35[]`

70-30: `.leftcol70[]`  
`.rightcol30[]`

45-55: `.leftcol45[]`  
`.rightcol55[]`

40-60: `.leftcol40[]`  
`.rightcol60[]`

35-65: `.leftcol35[]`  
`.rightcol65[]`

30-70: `.leftcol30[]`  
`.rightcol70[]`

25-75: `.leftcol25[]`  
`.rightcol75[]`



# *Full image background*

```
background-image:  
url("images/blue_ridge_mountains.jpg")
```

# *Full background color*

```
background-color:  
#909090
```

# Images!

# Images have no border by default

This code produces the image on the right:

```

```



# Add a thin border with `.border[]`

This code produces the image on the right:

```
.border [  
  
]
```



# Or modify the border:

## `.borderthick[]`

This code produces the image on the right:

```
.borderthick[  
  
]
```

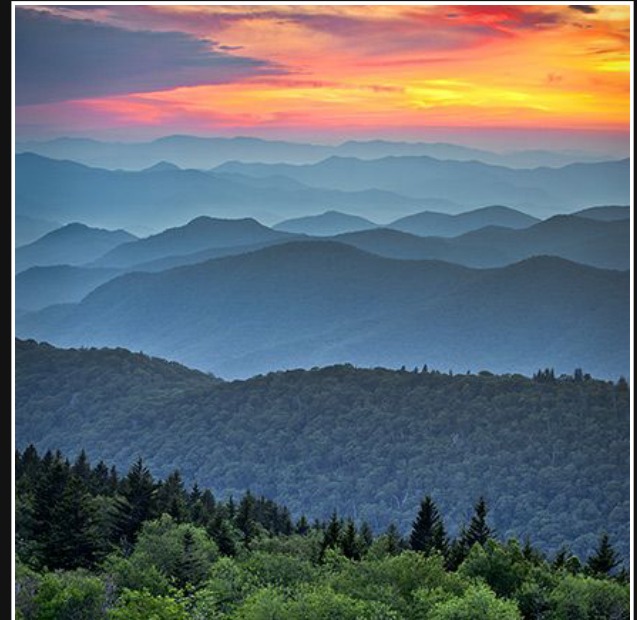


# Or modify the border:

## `.whiteborder[]`

This code produces the image on the right:

```
.whiteborder[  
  
]
```





# Or modify the border:

## `.whiteborderthick[]`

This code produces the image on the right:

```
.whiteborderthick[  
  
]
```



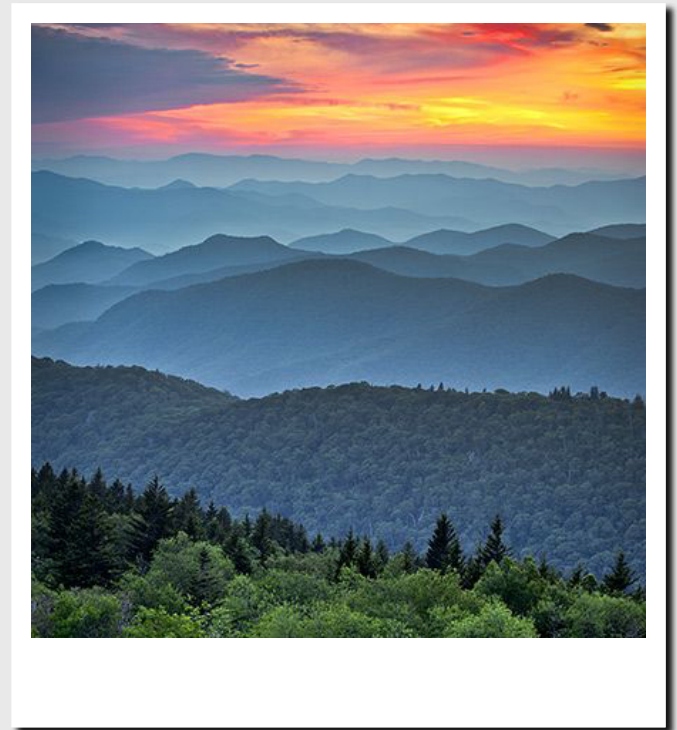


# Make a polaroid image:

## `.polaroid[]`

This code produces the image on the right:

```
.polaroid[  
  
]
```



# Make a circle image: `.circle[]`

This code produces the image on the right:

```
.circle[  
  
]
```



# Make a thumbnail image:

## `.thumbnail[]`

This code produces the image on the right:

```
.thumbnail[  
  
]
```



# Image classes work on rendered charts too

```
.border[
  ```{r}
  ggplot(mtcars, aes(x = mpg, y
= hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
  ```
]
```

```
.circle[
  ```{r}
  ggplot(mtcars, aes(x = mpg, y
= hp)) +
    geom_point() +
    theme_bw() +
    labs(color = 'Cylinders')
  ```
]
```

# Thanks!

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