

ggplot2 theme elements reference

Set minimal as the baseline theme:

```
theme_minimal() +  
theme(theme.element = element_type())
```

Use `element_blank()` to remove an element

Axis titles, text, ticks, and lines can be specified per axis using theme inheritance by putting `.x/.y` at the end of the theme element.

```
axis.line.x = element_line()
```

```
axis.title.x = element_text()
```

```
panel.grid.major = element_line()
```

```
panel.grid.major = element_line()
```

```
axis.text.y
```

```
axis.text = element_text()
```

```
axis.text.x
```

```
text = element_text()
```

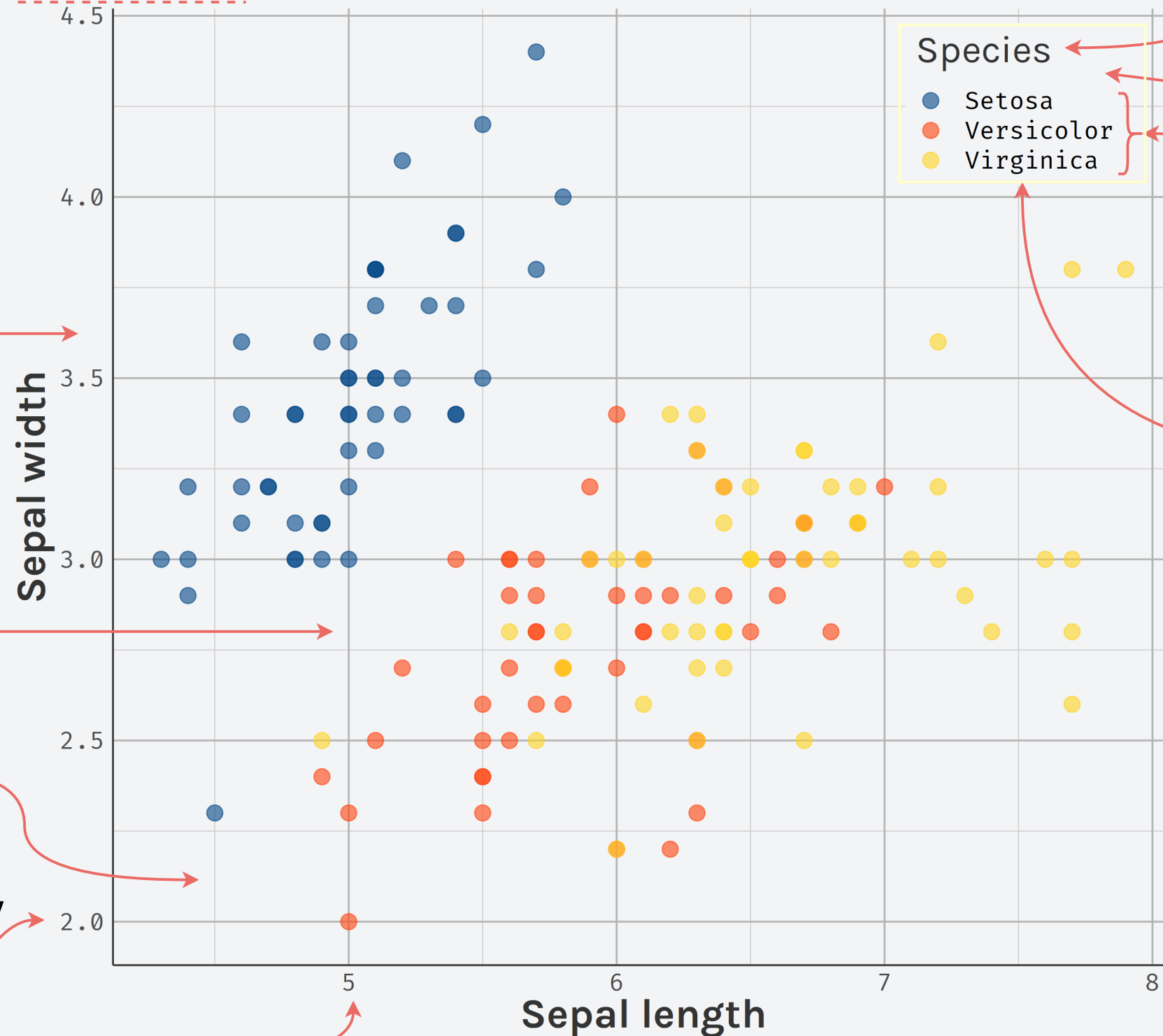
 ← modifications will be applied to all text elements

```
plot.title.position = "plot"  
plot.caption.position = "plot"  
  
plot.title = element_text()  
plot.subtitle = element_text()
```

"plot" means that they will be aligned to the entire plot (instead of the panel)

```
plot.margin = margin(25, 25, 25, 25)
```

Sepal Dimensions of Iris Flowers
by Species



```
legend.title = element_text()
```

```
legend.background = element_rect()
```

```
legend.text = element_text()
```

```
legend.position = c(.85,.9) / "none" /  
"left" / "right" /  
"bottom" / "top"
```

```
plot.background = element_rect()
```

```
plot.caption = element_text()
```

Data: Fisher's Iris dataset

isabella-b

Full list of elements at ggplot2.tidyverse.org/reference/theme