

# Using hrbrthemes in PDFs

## Purpose

The purpose of this template is to show what you need to do in order to use Arial Narrow or Roboto Condensed in PDF output documents.

The main consideration is the use of **Cairo** and — specifically — the `cairo_pdf` output device. It is best to set that in the `knit` chunk defaults (as seen in the `setup` block) but you can also do that in the individual chunks as has also been demonstrated in the “Roboto Condensed” chunk.

Make sure to include the library calls as they are here.

```
library(hrbrthemes)
library(ggplot2)
library(Cairo)
library(extrafont)

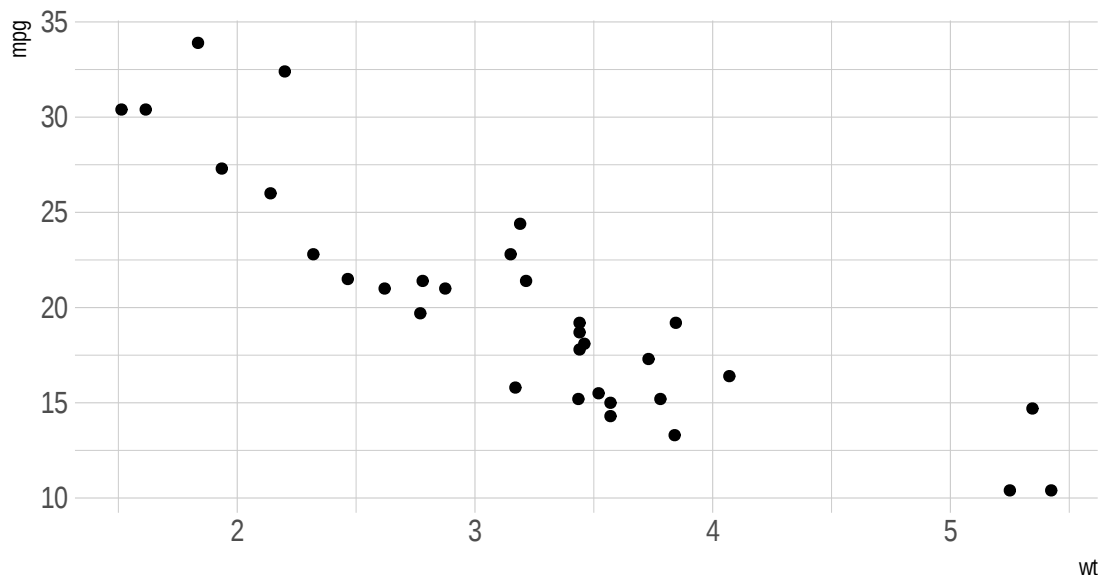
extrafont::loadfonts()
```

## Arial Narrow

```
ggplot(mtcars, aes(wt, mpg)) +
  geom_point() +
  labs(title="Arial Narrow", subtitle="This is a subtitle") +
  theme_ipsum()
```

## Arial Narrow

This is a subtitle



## Roboto Condensed

```
ggplot(mtcars, aes(wt, mpg)) +  
  geom_point() +  
  labs(title="Roboto Condensed", subtitle="This is a subtitle") +  
  theme_ipsum_rc()
```

## Roboto Condensed

This is a subtitle

