

# Converting Colors

Hex(4F8585)

Have a look what the booklet for  
Hex(4F8585) contains.

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# Color

**Hex(4F8585)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F8585
RGB	79, 133, 133
RGB Percent	31%, 52%, 52%
CMY	0.6902, 0.4784, 0.4784
CMYK	0.41, 0.00, 0.00, 0.48
HSL	180°, 25%, 42%
HSV	180°, 41%, 52%
XYZ	15.8456, 20.1308, 25.2408
YIQ	116.8540, -32.1840, -11.4480

# Conversions

## Conversions Part 2

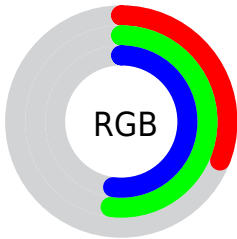
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 106, 133
Decimal	5211525
CIE <sub>Lab</sub>	51.98, -17.85, -5.65
CIE <sub>LCh</sub>	52, 18.723, 197.548
Yxy	20.1308, 0.2588, 0.3288
Android (android.graphics.Color)	4283401605 (0xFF4F8585)
YUV	116.8540, 7.9600, -33.1980
Hunter-Lab	44.8673, -15.4777, -1.9473

# Details

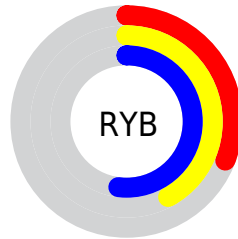
The Hex color **4F8585** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **854F4F**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **83BABA**, and **1B5354** is the 20% darker color. If you saturate the color by 10%, you get **428585**, and if you desaturate by 10%, it is **5C8585**.

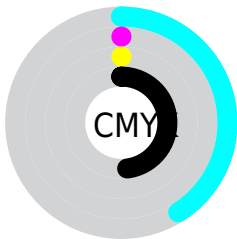
# Distribution



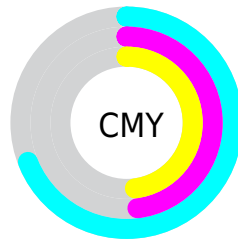
- Red (31%)
- Green (52%)
- Blue (52%)



- Red (31%)
- Yellow (42%)
- Blue (52%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (48%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F8585 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4F8585 by changing the saturation by 10% instead.





4F8585



4F8585

FFFFFF



356C6C



83BABA



1B5354



9ED6D6



003C3D



BAF3F2



002627



D6FFFF



000E12



F3FFFF



000000



4F8585



4F8585



428585



5C8585



348585



6A8585

■ 278585

■ 778585

■ 1A8585

■ 848585

■ 0D8585

■ 928585

■ 008585

■ 9F8585

■ AC8585

■ B98585

■ C78585

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5A8575



4F8585



508393

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F8585



8A7592



8E795D

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4F8585



854F4F

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



997465



4F8585



987183

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4F8585



767A9A



9D7173



7E7E5D

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4F8585



5A8199



9D7173



92775F



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4F8585



99ADAD



4F854F



4B5757



D6D6D6



575757



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4F8585



58ADAD



4F6A85



3C4242



008282



000303



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



854F85



AD58AD



856A4F



423C42



820082

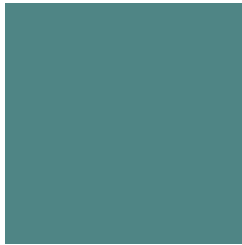


030003



# Previews

## White Background



This preview shows how the Hex color 4F8585 looks on a white background.

## Color Contrast Check

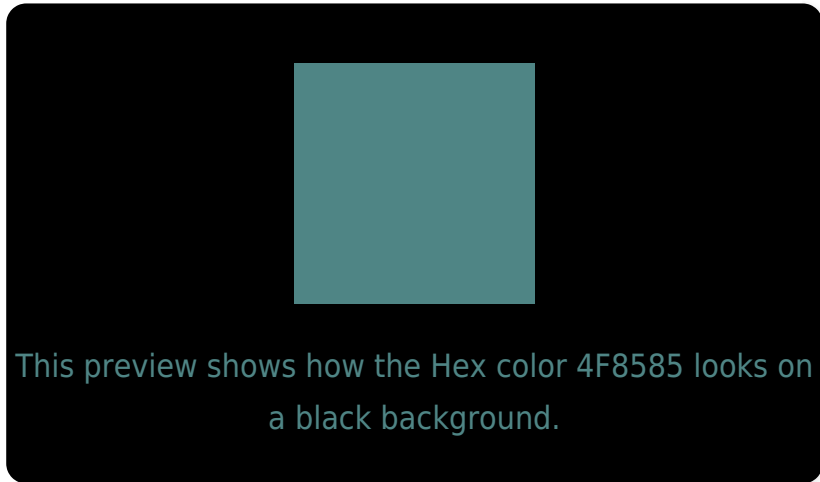
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

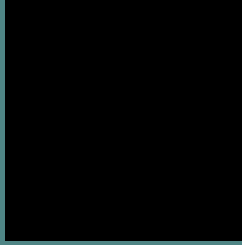
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F8585 Background



This preview shows how black text looks on a background with the Hex color 4F8585.

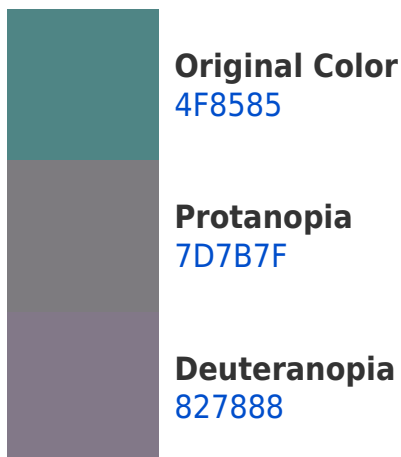


This preview shows how white text looks on a background with the Hex color 4F8585.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

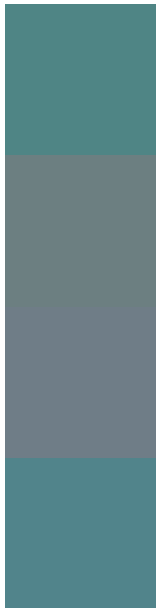
## Dichromacy





**Tritanopia**  
52848E

# Trichromacy



**Original Color**  
4F8585

**Protanomaly**  
6C7F81

**Deuteranomaly**  
6F7D87

**Tritanomaly**  
51848B

# Monochromacy



**Original Color**  
4F8585

**Achromatopsia**  
757575

**Achromatomaly**  
677B7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F8585 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4F8585 looks like.

```
.text, #text, p{  
    color:#4F8585  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4F8585 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F8585
}
```

## Border

The CSS property to change the border of an element to Hex 4F8585 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F8585 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4F8585 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4F8585 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F8585; -webkit-box-shadow:4px 4px  
4px 4px #4F8585; box-shadow:4px 4px 4px  
4px #4F8585 }
```

# Background

The CSS property to change the background color of an element to Hex 4F8585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F8585 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4F8585 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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