

# Converting Colors

Hex(5F8787)

Have a look what the booklet for  
Hex(5F8787) contains.

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# Color

**Hex(5F8787)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F8787
RGB	95, 135, 135
RGB Percent	37%, 53%, 53%
CMY	0.6275, 0.4706, 0.4706
CMYK	0.30, 0.00, 0.00, 0.47
HSL	180°, 17%, 45%
HSV	180°, 30%, 53%
XYZ	17.7565, 21.5101, 26.1377
YIQ	123.0400, -23.8400, -8.4800

# Conversions

## Conversions Part 2

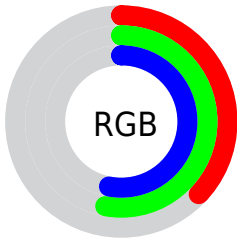
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 115, 135
Decimal	6260615
CIE Lab	53.50, -13.75, -4.47
CIE LCh	54, 14.459, 197.988
Yxy	21.5101, 0.2715, 0.3289
Android (android.graphics.Color)	4284450695 (0xFF5F8787)
YUV	123.0400, 5.8963, -24.5911
Hunter-Lab	46.3790, -12.8235, -0.9486

# Details

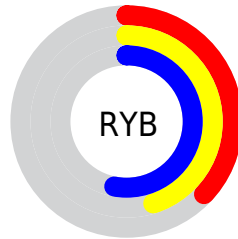
The Hex color **5F8787** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **875F5F**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **93BCBC**, and **2E5555** is the 20% darker color. If you saturate the color by 10%, you get **528787**, and if you desaturate by 10%, it is **6D8787**.

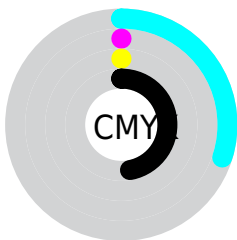
# Distribution



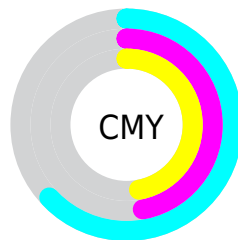
- Red (37%)
- Green (53%)
- Blue (53%)



- Red (37%)
- Yellow (45%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F8787 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 5F8787 by changing the saturation by 10% instead.





5F8787



5F8787

FFFFFF



466E6E



93BCBC



2E5555



AED8D8



163E3E



CAF5F4



002828



E6FFFF



001514



000000



5F8787



5F8787



528787



6D8787



448787



7A8787

■ 378787

■ 888787

■ 298787

■ 958787

■ 1C8787

■ A38787

■ 0E8787

■ B08787

■ 018787

■ BE8787

■ 008787

■ CB8787

■ D98787

# Harmonies

## Analogous

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



66877A



5F8787



618692

# Triad

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



5F8787



8B7A91



8E7D68

# Complementary

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



5F8787



875F5F

# 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.



977A6E



5F8787



967885

# Square

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



5F8787



7C7E97



9A7779



828168

# Rectangle

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



5F8787



678496



9A7779



927C69



# Sweetspot

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



5F8787



A0B0B0



5F875F



4F5959



D9D9D9



595959



# Same Dimension

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



5F8787



71B0B0



5F7387



3C4242



008282



000303



# Inverse Universe

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



875F87



B071B0



87735F



423C42



820082



030003



# Previews

## White Background



This preview shows how the Hex color 5F8787 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

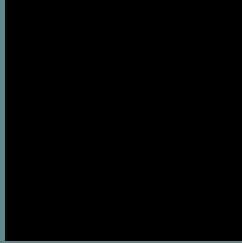
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5F8787 Background



This preview shows how black text looks on a background with the Hex color 5F8787.

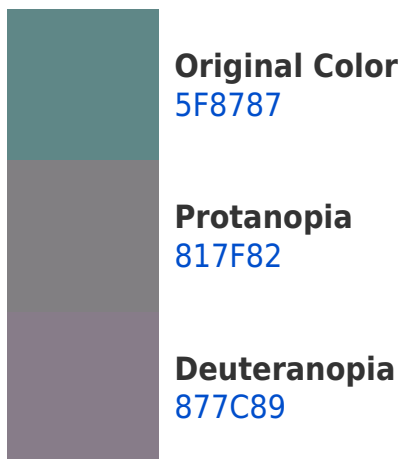


This preview shows how white text looks on a background with the Hex color 5F8787.

# 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](#).

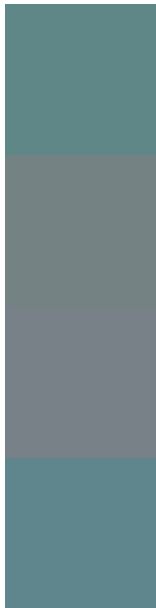
## Dichromacy





**Tritanopia**  
618690

# Trichromacy



**Original Color**  
5F8787

**Protanomaly**  
758284

**Deuteranomaly**  
788088

**Tritanomaly**  
60868D

# Monochromacy



**Original Color**  
5F8787

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
717F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F8787 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 #5F8787 looks like.

```
.text, #text, p{  
    color:#5F8787  
}
```

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 #5F8787 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8787
}
```

## Border

The CSS property to change the border of an element to Hex 5F8787 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
#5F8787 }
```

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

```
.border{ border-color:#5F8787 }
```

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

Here you see how a box with a 4 pixel #5F8787 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8787; -webkit-box-shadow:4px 4px  
4px 4px #5F8787; box-shadow:4px 4px 4px  
4px #5F8787 }
```

# Background

The CSS property to change the background color of an element to Hex 5F8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8787 }
```

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

```
.background{ background-color:#5F8787 }
```

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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