

Converting Colors

Hex(5F8786)

Have a look what the booklet for
Hex(5F8786) contains.

Hex(5F8786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5F8786)

Conversions

Conversions Part 1

Format	Color
Hex	5F8786
RGB	95, 135, 134
RGB Percent	37%, 53%, 53%
CMY	0.6275, 0.4706, 0.4745
CMYK	0.30, 0.00, 0.01, 0.47
HSL	178°, 17%, 45%
HSV	178°, 30%, 53%
XYZ	17.6864, 21.4821, 25.7685
YIQ	122.9260, -23.5190, -8.7910

Conversions

Conversions Part 2

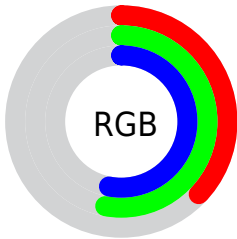
Format	Color
R_{YB}	95, 115, 135
Decimal	6260614
CIE _{Lab}	53.47, -14.00, -3.93
CIE _{LCh}	53, 14.540, 195.679
Yxy	21.4821, 0.2724, 0.3308
Android (android.graphics.Color)	4284450694 (0xFF5F8786)
YUV	122.9260, 5.4595, -24.4911
Hunter-Lab	46.3488, -12.9960, -0.5194

Details

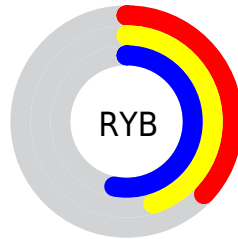
The Hex color **5F8786** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **875F60**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **93BCBB**, and **2E5554** is the 20% darker color. If you saturate the color by 10%, you get **528786**, and if you desaturate by 10%, it is **6D8786**.

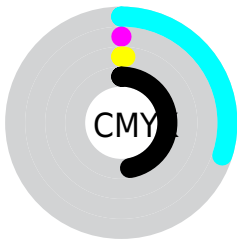
Distribution



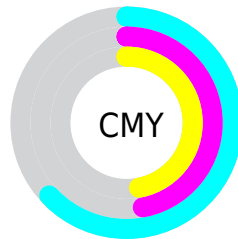
- Red (37%)
- Green (53%)
- Blue (53%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8786 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 5F8786 by changing the saturation by 10% instead.



5F8786



5F8786

FFFFFF



466E6D



93BCBB



2E5554



AED8D7



163E3D



CAF5F3



002828



E6FFFF



001513



000000



5F8786



5F8786



528786



6D8786



448785



7A8787

■ 378785

■ 888787

■ 298785

■ 958787

■ 1C8784

■ A38788

■ 0E8784

■ B08788

■ 018784

■ BE8788

■ 008784

■ CB8789

■ D98789

Harmonies

Analogous

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



678779



5F8786



608691

Triad

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



5F8786



8A7A91



8F7D68

Complementary

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



5F8786



875F60

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.



98796E



5F8786



957886

Square

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



5F8786



7A7F98



9A777A



838168

Rectangle

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



5F8786



668496



9A777A



937C69

Sweetspot

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



5F8786



A0B0B0



60875F



4F5959



D9D9D9



595959

Same Dimension

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



5F8786



71B0AE



5F7487



3C4242



00827F



000302

Inverse Universe

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



875F60



B07172



87725F



423C3C



820003



030000

Previews

White Background



This preview shows how the Hex color 5F8786 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

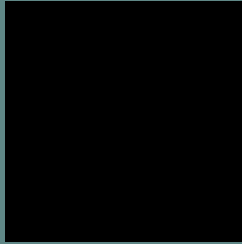
Any Text WCAG AA ✓ Pass

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 5F8786 Background



This preview shows how black text looks on a background with the Hex color 5F8786.

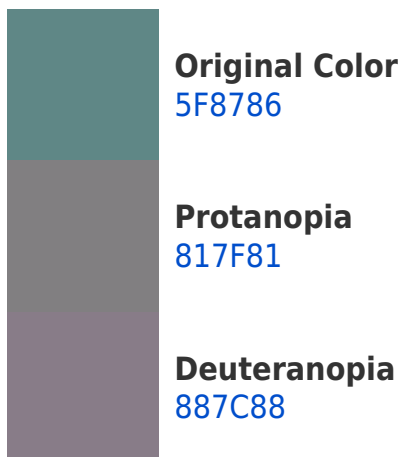


This preview shows how white text looks on a background with the Hex color 5F8786.

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](#).

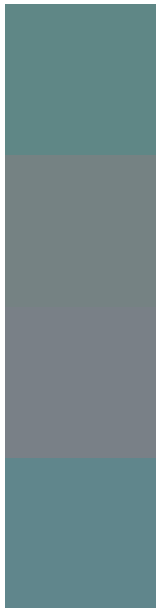
Dichromacy





Tritanopia
618590

Trichromacy



Original Color
5F8786

Protanomaly
758283

Deuteranomaly
798087

Tritanomaly
60868C

Monochromacy



Original Color
5F8786

Achromatopsia
7B7B7B

Achromatomaly
717F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8786 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 #5F8786 looks like.

```
.text, #text, p{  
    color:#5F8786  
}
```

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 #5F8786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8786
}
```

Border

The CSS property to change the border of an element to Hex 5F8786 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
#5F8786 }
```

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

```
.border{ border-color:#5F8786 }
```

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

Here you see how a box with a 4 pixel #5F8786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8786; -webkit-box-shadow:4px 4px  
4px 4px #5F8786; box-shadow:4px 4px 4px  
4px #5F8786 }
```

Background

The CSS property to change the background color of an element to Hex 5F8786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8786 }
```

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

```
.background{ background-color:#5F8786 }
```

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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