

Converting Colors

Hex(578687)

Have a look what the booklet for
Hex(578687) contains.

Hex(578687)	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(578687)

Conversions

Conversions Part 1

Format	Color
Hex	578687
RGB	87, 134, 135
RGB Percent	34%, 53%, 53%
CMY	0.6588, 0.4745, 0.4706
CMYK	0.36, 0.01, 0.00, 0.47
HSL	181°, 22%, 44%
HSV	181°, 36%, 53%
XYZ	16.8288, 20.8257, 26.0545
YIQ	120.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

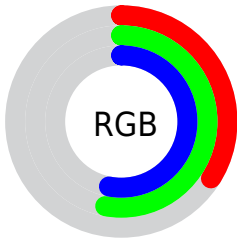
Format	Color
RYB	87, 111, 135
Decimal	5736071
CIELab	52.76, -15.61, -5.62
CIELCh	53, 16.588, 199.796
Yxy	20.8257, 0.2642, 0.3269
Android (android.graphics.Color)	4283926151 (0xFF578687)
YUV	120.0610, 7.3649, -28.9945
Hunter-Lab	45.6352, -14.0367, -1.9058

Details

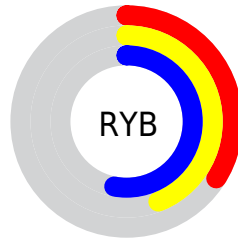
The Hex color **578687** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **875857**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **8BBBBC**, and **255455** is the 20% darker color. If you saturate the color by 10%, you get **4A8687**, and if you desaturate by 10%, it is **658687**.

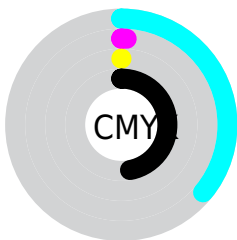
Distribution



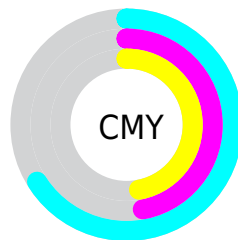
- Red (34%)
- Green (53%)
- Blue (53%)



- Red (34%)
- Yellow (44%)
- Blue (53%)



- Cyan (36%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



- Cyan (66%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578687 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 578687 by changing the saturation by 10% instead.

■ 578687

■ 578687

FFFFFF

■ 3E6D6E

■ 8BBBBC

■ 255455

■ A6D7D8

■ 083D3E

■ C2F4F4

■ 002728

■ DEFFFF

■ 001214

■ FBFFFF

■ 000000

■ 578687

■ 578687

■ 4A8687

■ 658687

■ 3C8587

■ 728787

■ 2F8587

■ 808787

■ 218587

■ 8D8787

■ 138587

■ 9B8787

■ 068487

■ A88887

■ 008487

■ B68887

■ C38887

■ D18987

Harmonies

Analogous

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



608678



578687



598493

Triad

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



578687



8C7790



8D7B62

Complementary

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



578687



875857

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.



987769



578687



977483

Square

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



578687



7A7C99



9C7475



7F8063

Rectangle

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



578687



628298



9C7475



917A64

Sweetspot

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



578687



9DB0B0



578758



4E5959



D9D9D9



595959

Same Dimension

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



578687



64AE80



576E87



3C4242



007F82



000203

Inverse Universe

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



875786



B064AE



877057



423C42



82007F



030002

Previews

White Background



This preview shows how the Hex color 578687 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

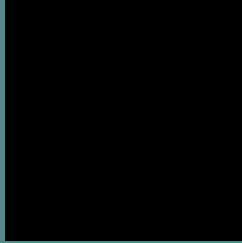
Any Text WCAG AA ✓ Pass

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 578687 Background



This preview shows how black text looks on a background with the Hex color 578687.

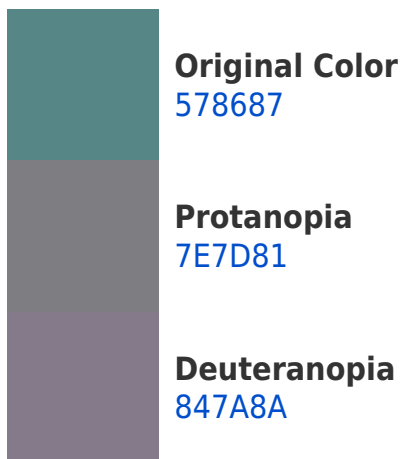



This preview shows how white text looks on a background with the Hex color 578687.

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](#).

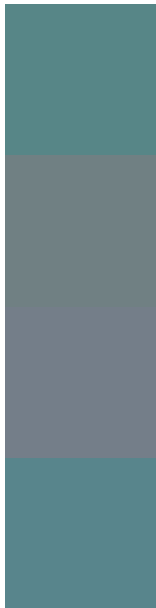
Dichromacy





Tritanopia
59858F

Trichromacy



Original Color
578687

Protanomaly
708083

Deuteranomaly
747E89

Tritanomaly
58858C

Monochromacy



Original Color
578687

Achromatopsia
787878

Achromatomaly
6C7D7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 578687 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 #578687 looks like.

```
.text, #text, p{  
  color:#578687  
}
```

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 #578687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578687
}
```

Border

The CSS property to change the border of an element to Hex 578687 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
#578687 }
```

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

```
.border{ border-color:#578687 }
```

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

Here you see how a box with a 4 pixel #578687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578687; -webkit-box-shadow:4px 4px  
4px 4px #578687; box-shadow:4px 4px 4px  
4px #578687 }
```

Background

The CSS property to change the background color of an element to Hex 578687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578687 }
```

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

```
.background{ background-color:#578687 }
```

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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