

Converting Colors

Hex(578C86)

Have a look what the booklet for
Hex(578C86) contains.

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Color

Hex(578C86)

Conversions

Conversions Part 1

Format	Color
Hex	578C86
RGB	87, 140, 134
RGB Percent	34%, 55%, 53%
CMY	0.6588, 0.4510, 0.4745
CMYK	0.38, 0.00, 0.04, 0.45
HSL	173°, 23%, 45%
HSV	173°, 38%, 55%
XYZ	17.6116, 22.5036, 25.9697
YIQ	123.4690, -29.6620, -13.1020

Conversions

Conversions Part 2

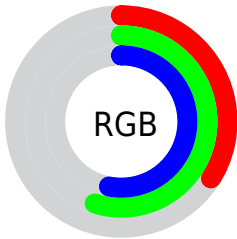
Format	Color
R _Y B	87, 115, 140
Decimal	5737606
CIE Lab	54.56, -19.07, -2.38
CIE LCh	55, 19.223, 187.115
Yxy	22.5036, 0.2665, 0.3405
Android (android.graphics.Color)	4283927686 (0xFF578C86)
YUV	123.4690, 5.1918, -31.9833
Hunter-Lab	47.4380, -16.7473, 0.7486

Details

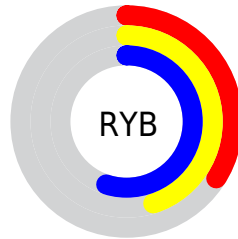
The Hex color **578C86** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C575D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8BC2BB**, and **245A55** is the 20% darker color. If you saturate the color by 10%, you get **498C84**, and if you desaturate by 10%, it is **658C88**.

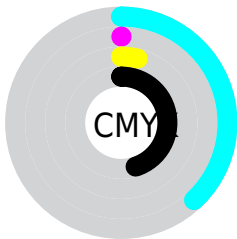
Distribution



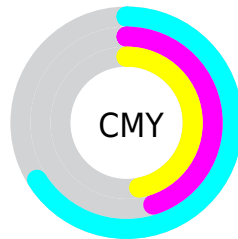
- Red (34%)
- Green (55%)
- Blue (53%)



- Red (34%)
- Yellow (45%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (66%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578C86 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 578C86 by changing the saturation by 10% instead.

■ 578C86

■ 578C86

FFFFFF

■ 3E726D

■ 8BC2BB

■ 245A55

■ A6DED7

■ 06423D

■ C2FAF3

■ 002C28

■ DFFFFF

■ 001913

■ FFFFFFFF

■ 000000

■ 578C86

■ 578C86

■ 498C84

■ 658C88

■ 3B8C83

■ 738C89

 2D8C81

 818C8B

 1F8C80

 8F8C8C

 118C7E

 9D8C8E

 038C7C

 AB8C90

 008C7C

 B98C91

 C78C93

 D58C94

Harmonies

Analogous

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



668B75



578C86



538B96

Triad

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



578C86



8A7D9D



9A7D64

Complementary

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



578C86



8C575D

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.



A3786F



578C86



9B7890

Square

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



578C86



7483A3



A4777F



8B8362

Rectangle

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



578C86



59899E



A4777F



9E7B67

Sweetspot

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



578C86



A1B5B3



5D8C57



505C5A



DBDBDB



5C5C5C

Same Dimension

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



578C86



64B5AC



57788C



3E4544



008576



000505

Inverse Universe

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



8C575D



B5646D



8C6B57



453E3F



85000F



050001

Previews

White Background



This preview shows how the Hex color 578C86 looks on a white background.

Color Contrast Check

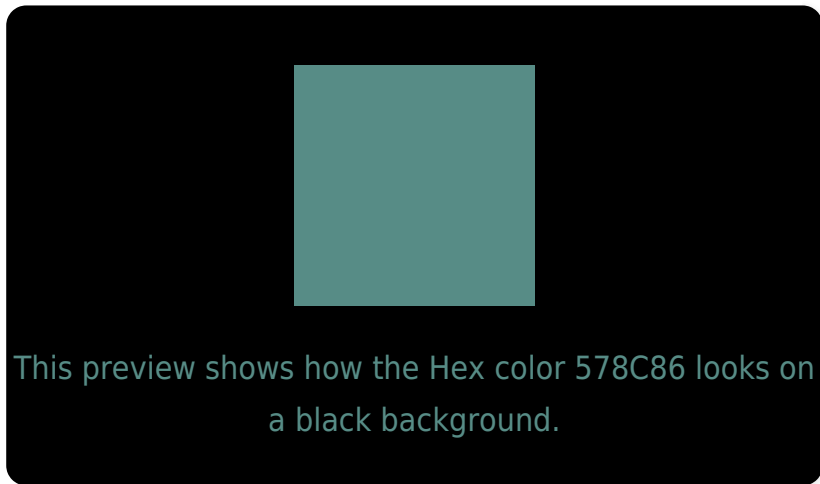
Large Text (above 18pt) WCAG AA ✓ Pass

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

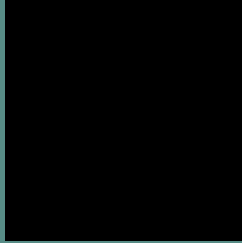
Any Text WCAG AA ✓ Pass

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 578C86 Background



This preview shows how black text looks on a background with the Hex color 578C86.

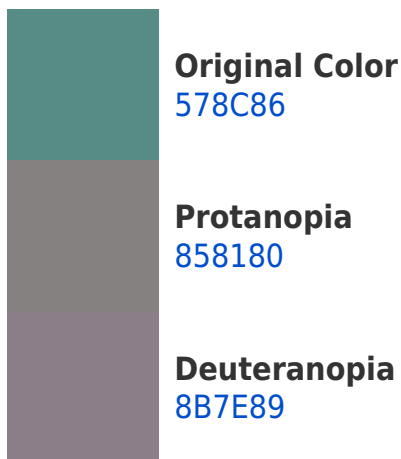


This preview shows how white text looks on a background with the Hex color 578C86.

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](#).

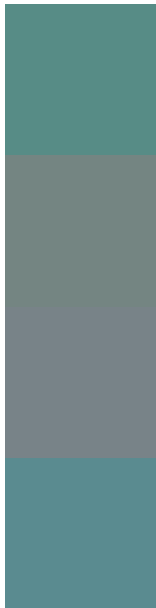
Dichromacy





Tritanopia
5B8A95

Trichromacy



Original Color
578C86

Protanomaly
748582

Deuteranomaly
788388

Tritanomaly
5A8B90

Monochromacy



Original Color
578C86

Achromatopsia
7B7B7B

Achromatomaly
6E817F

CSS Examples

Text

The CSS property to change the color of the text to Hex 578C86 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 #578C86 looks like.

```
.text, #text, p{  
    color:#578C86  
}
```

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 #578C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578C86
}
```

Border

The CSS property to change the border of an element to Hex 578C86 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
#578C86 }
```

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

```
.border{ border-color:#578C86 }
```

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

Here you see how a box with a 4 pixel #578C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578C86; -webkit-box-shadow:4px 4px  
4px 4px #578C86; box-shadow:4px 4px 4px  
4px #578C86 }
```

Background

The CSS property to change the background color of an element to Hex 578C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578C86 }
```

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

```
.background{ background-color:#578C86 }
```

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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