

Converting Colors

Hex(588C88)

Have a look what the booklet for
Hex(588C88) contains.

Hex(588C88)	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(588C88)

Conversions

Conversions Part 1

Format	Color
Hex	588C88
RGB	88, 140, 136
RGB Percent	35%, 55%, 53%
CMY	0.6549, 0.4510, 0.4667
CMYK	0.37, 0.00, 0.03, 0.45
HSL	175°, 23%, 45%
HSV	175°, 37%, 55%
XYZ	17.8465, 22.6084, 26.7158
YIQ	123.9960, -29.7080, -12.2680

Conversions

Conversions Part 2

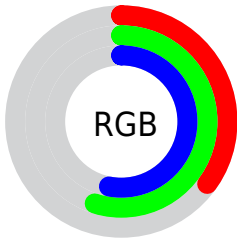
Format	Color
RYB	88, 115, 140
Decimal	5803144
CIELab	54.67, -18.28, -3.37
CIELCh	55, 18.592, 190.440
Yxy	22.6084, 0.2657, 0.3366
Android (android.graphics.Color)	4283993224 (0xFF588C88)
YUV	123.9960, 5.9180, -31.5685
Hunter-Lab	47.5483, -16.2124, -0.0292

Details

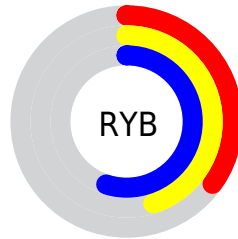
The Hex color **588C88** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C585C**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8CC2BD**, and **255A56** is the 20% darker color. If you saturate the color by 10%, you get **4A8C87**, and if you desaturate by 10%, it is **668C89**.

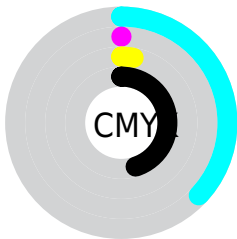
Distribution



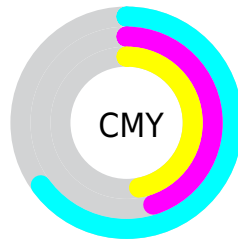
- Red (35%)
- Green (55%)
- Blue (53%)



- Red (35%)
- Yellow (45%)
- Blue (55%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (65%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588C88 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 588C88 by changing the saturation by 10% instead.

■ 588C88

■ 588C88

FFFFFF

■ 3F726F

■ 8CC2BD

■ 255A56

■ A7DED9

■ 07423F

■ C3FAF5

■ 002C29

■ E0FFFF

■ 001915

■ F0FFFF

■ 000000

■ 588C88

■ 588C88

■ 4A8C87

■ 668C89

■ 3C8C86

■ 748C8A

 2E8C85

 828C8B

 208C84

 908C8C

 128C83

 9E8C8D

 048C82

 AC8C8E

 008C81

 BA8C90

 C88C91

 D68C92

Harmonies

Analogous

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



658B78



588C88



568B97

Triad

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



588C88



8C7D9B



987E65

Complementary

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



588C88



8C585C

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.



A27A6F



588C88



9C798E

Square

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



588C88



7782A2



A4777E



898463

Rectangle

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



588C88



5D899E



A4777E



9C7C67

Sweetspot

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



588C88



A1B5B4



5C8C58



505C5B



DBDBDB



5C5C5C

Same Dimension

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



588C88



64B5AF



58768C



3E4544



00857A



000505

Inverse Universe

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



8C585C



B5646A



8C6E58



453E3E



85000A



050000

Previews

White Background



This preview shows how the Hex color 588C88 looks on a white background.

Color Contrast Check

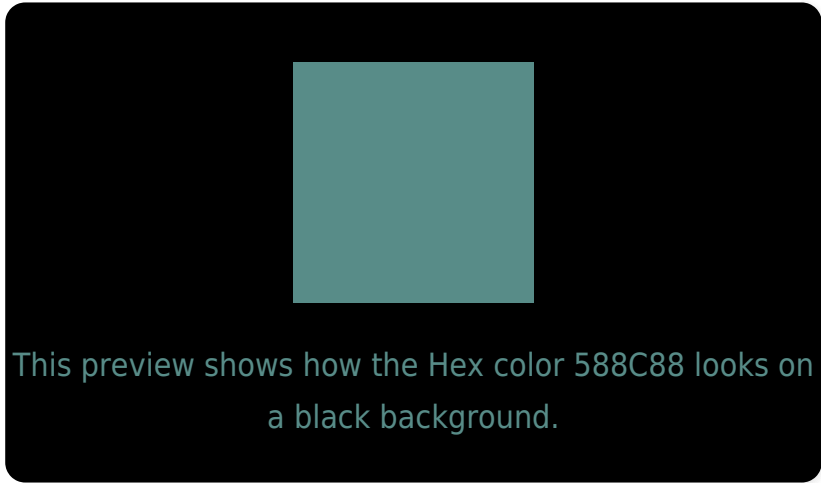
Large Text (above 18pt) WCAG AA ✓ Pass

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

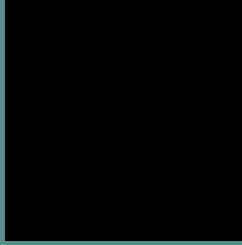
Any Text WCAG AA ✓ Pass

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 588C88 Background



This preview shows how black text looks on a background with the Hex color 588C88.

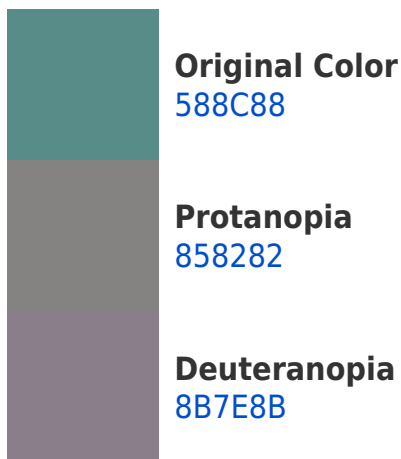


This preview shows how white text looks on a background with the Hex color 588C88.

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](#).

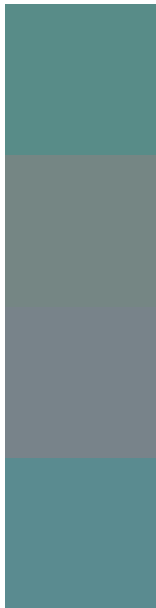
Dichromacy





Tritanopia
5B8A95

Trichromacy



Original Color
588C88

Protanomaly
758684

Deuteranomaly
78838A

Tritanomaly
5A8B90

Monochromacy



Original Color
588C88

Achromatopsia
7C7C7C

Achromatomaly
6F8280

CSS Examples

Text

The CSS property to change the color of the text to Hex 588C88 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 #588C88 looks like.

```
.text, #text, p{  
    color:#588C88  
}
```

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 #588C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588C88
}
```

Border

The CSS property to change the border of an element to Hex 588C88 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
#588C88 }
```

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

```
.border{ border-color:#588C88 }
```

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

Here you see how a box with a 4 pixel #588C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588C88; -webkit-box-shadow:4px 4px  
4px 4px #588C88; box-shadow:4px 4px 4px  
4px #588C88 }
```

Background

The CSS property to change the background color of an element to Hex 588C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588C88 }
```

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

```
.background{ background-color:#588C88 }
```

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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