

# Converting Colors

Hex(588D8F)

Have a look what the booklet for  
Hex(588D8F) contains.

|  |    |
|--|----|
| <b>Hex(588D8F)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(588D8F)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 588D8F                       |
| RGB         | 88, 141, 143                 |
| RGB Percent | 35%, 55%, 56%                |
| CMY         | 0.6549, 0.4471, 0.4392       |
| CMYK        | 0.38, 0.01, 0.00, 0.44       |
| HSL         | 182°, 24%, 45%               |
| HSV         | 182°, 38%, 56%               |
| XYZ         | 18.5073, 23.1076, 29.4714    |
| YIQ         | 125.3810, -32.2300, -10.6140 |

# Conversions

## Conversions Part 2

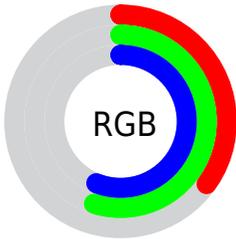
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 88, 115, 143                  |
| Decimal                             | 5803407                       |
| CIE <sub>Lab</sub>                  | 55.18, -17.02, -6.64          |
| CIE <sub>LCh</sub>                  | 55, 18.270, 201.324           |
| Yxy                                 | 23.1076, 0.2603,<br>0.3251    |
| Android<br>(android.graphics.Color) | 4283993487<br>(0xFF588D8F)    |
| YUV                                 | 125.3810, 8.6862,<br>-32.7831 |
| Hunter-Lab                          | 48.0704, -15.3999,<br>-2.7007 |

# Details

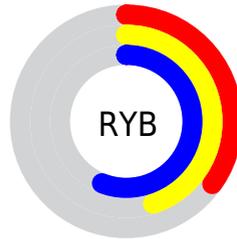
The Hex color **588D8F** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8F5A58**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8DC3C5**, and **245B5D** is the 20% darker color. If you saturate the color by 10%, you get **4A8C8F**, and if you desaturate by 10%, it is **668E8F**.

# Distribution



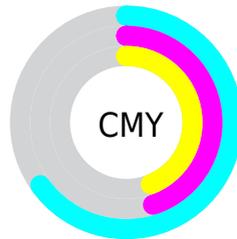
- Red (35%)
- Green (55%)
- Blue (56%)



- Red (35%)
- Yellow (45%)
- Blue (56%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (65%)
- Magenta (45%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588D8F 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 588D8F by changing the saturation by 10% instead.



588D8F



588D8F

FFFFFF



3E7375



8DC3C5



245B5D



A8DFE1



044345



C4FBFD



002D2F



E0FFFF



00191A



F0FFFF



000000



588D8F



588D8F



4A8C8F



668E8F



3B8C8F



758E8F

2D8B8F

838F8F

1F8B8F

918F8F

108A8F

A0908F

028A8F

AE908F

008A8F

BC918F

CA918F

D9928F

# Harmonies

## Analogous

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



628D7F



588D8F



5B8B9C

# Triad

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



588D8F



947C98



948165

# Complementary

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



588D8F



8F5A58

# 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.



A07C6C



588D8F



A17989

# Square

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



588D8F



8182A1



A57979



848767

# Rectangle

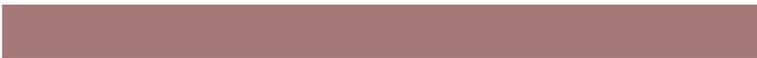
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



588D8F



6588A2



A57979



998067

# Sweetspot

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



588D8F



A4B9BA



588F5A



515E5E



DEDEDE



5E5E5E



# Same Dimension

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



588D8F



65B7BA



58728F



404747



008287



000708



# Inverse Universe

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



8F588D



BA65B7



8F7558



474047



870082



080007



# Previews

## White Background



This preview shows how the Hex color 588D8F 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 588D8F Background



This preview shows how black text looks on a background with the Hex color 588D8F.



This preview shows how white text looks on a background with the Hex color 588D8F.

# 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**  
5A8C97

# Trichromacy



**Original Color**  
588D8F

**Protanomaly**  
74878B

**Deuteranomaly**  
788591

**Tritanomaly**  
598C94

# Monochromacy



**Original Color**  
588D8F

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
708384

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588D8F 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 #588D8F looks like.

```
.text, #text, p{  
    color:#588D8F  
}
```

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 #588D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588D8F
}
```

## Border

The CSS property to change the border of an element to Hex 588D8F 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
#588D8F }
```

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

```
.border{ border-color:#588D8F }
```

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

Here you see how a box with a 4 pixel #588D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588D8F; -webkit-box-shadow:4px 4px  
4px 4px #588D8F; box-shadow:4px 4px 4px  
4px #588D8F }
```

# Background

The CSS property to change the background color of an element to Hex 588D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588D8F }
```

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

```
.background{ background-color:#588D8F }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor