

# Converting Colors

Hex(588BB4)

Have a look what the booklet for  
Hex(588BB4) contains.

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# Color

Hex(588BB4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	588BB4
RGB	88, 139, 180
RGB Percent	35%, 55%, 71%
CMY	0.6549, 0.4549, 0.2941
CMYK	0.51, 0.23, 0.00, 0.29
HSL	207°, 38%, 53%
HSV	207°, 51%, 71%
XYZ	21.4953, 23.8352, 46.6478
YIQ	128.4250, -43.5570, 1.9390

# Conversions

## Conversions Part 2

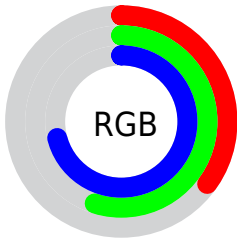
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 121, 180
Decimal	5802932
CIE <sub>Lab</sub>	55.92, -5.38, -26.77
CIE <sub>LCh</sub>	56, 27.303, 258.633
Yxy	23.8352, 0.2337, 0.2591
Android (android.graphics.Color)	4283993012 (0xFF588BB4)
YUV	128.4250, 25.4265, -35.4527
Hunter-Lab	48.8213, -6.8463, -22.4754

# Details

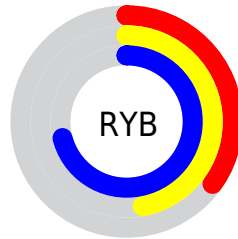
The Hex color **588BB4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B48158**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8FC0EC**, and **1D597F** is the 20% darker color. If you saturate the color by 10%, you get **4683B4**, and if you desaturate by 10%, it is **6A93B4**.

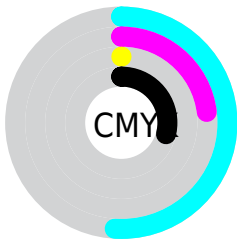
# Distribution



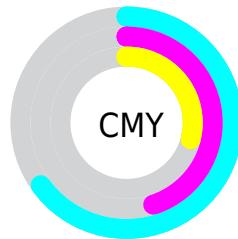
- Red (35%)
- Green (55%)
- Blue (71%)



- Red (35%)
- Yellow (47%)
- Blue (71%)



- Cyan (51%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)



- Cyan (65%)
- Magenta (45%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 588BB4 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 588BB4 by changing the saturation by 10% instead.





588BB4



588BB4

FFFFFF



3C7299



8FC0EC



1D597F



ABDCFF



004266



C7F9FF



002C4E



E4FFFF



001837



000221



000006



000000



588BB4



588BB4

■ 4683B4

■ 6A93B4

■ 347BB4

■ 7C9BB4

■ 2273B4

■ 8EA3B4

■ 106BB4

■ A0ABB4

■ 0064B4

■ B2B3B4

■ C4BBB4

■ D6C3B4

■ E8CBB4

■ FAD3B4

# Harmonies

## Analogous

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



3A90A9



588BB4



7C83B3

# Triad

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



588BB4



B57578



6C8F66

# Complementary

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



588BB4



B48158

# 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.



878959



588BB4



AF7A63

# Square

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



588BB4



AF7590



9E8158



50927C

# Rectangle

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



588BB4



927DAB



9E8158



768D60



# Sweetspot

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



588BB4



C7DBEB



58B480



606C75



F5F5F5



757575



# Same Dimension

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



588BB4



5BABEB



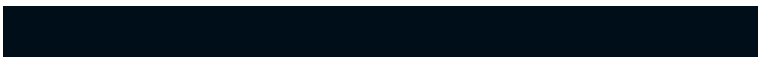
585EB4



505559



005599



000E1A



# Inverse Universe

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



B4588B



EB5BAB



B4AE58



595055



990055



1A000E



# Previews

## White Background



This preview shows how the Hex color 588BB4 looks on a white background.

## Color Contrast Check

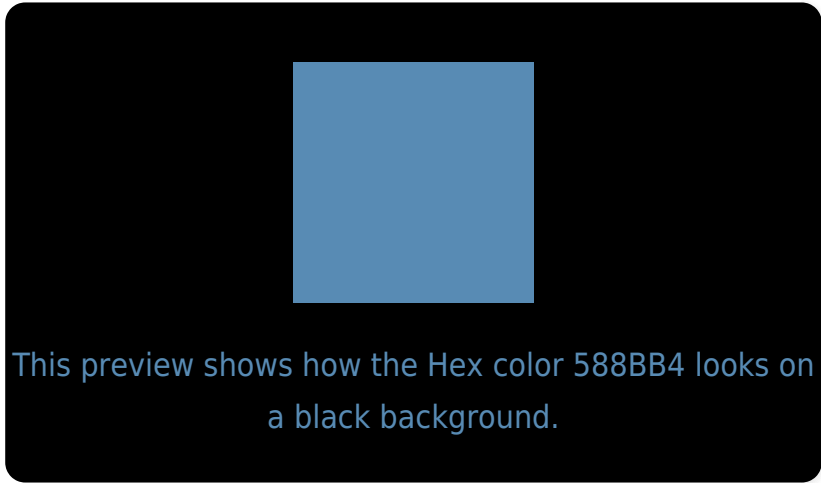
Large Text (above 18pt) WCAG AA ✓ Pass

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

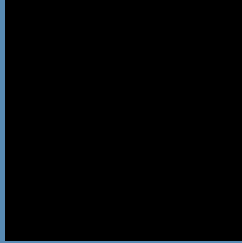
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

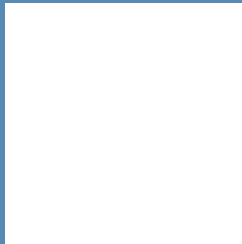
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 588BB4 Background



This preview shows how black text looks on a background with the Hex color 588BB4.

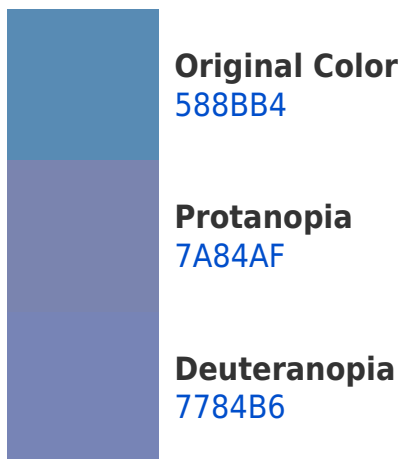


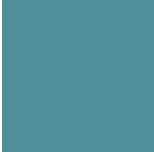
This preview shows how white text looks on a background with the Hex color 588BB4.

# 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](#).

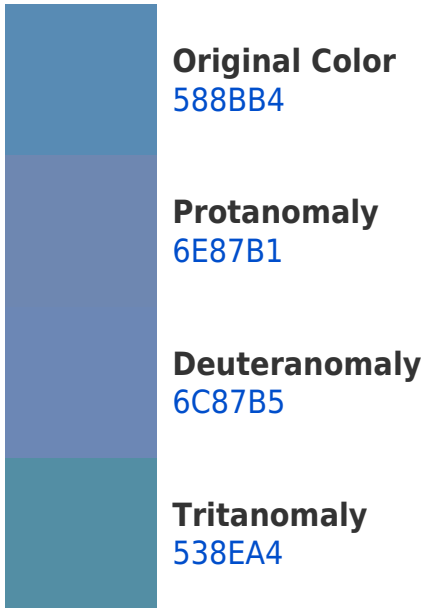
## Dichromacy





**Tritanopia**  
508F9B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 588BB4 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 #588BB4 looks like.

```
.text, #text, p{  
    color:#588BB4  
}
```

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 #588BB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588BB4
}
```

## Border

The CSS property to change the border of an element to Hex 588BB4 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
#588BB4 }
```

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

```
.border{ border-color:#588BB4 }
```

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

Here you see how a box with a 4 pixel #588BB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588BB4; -webkit-box-shadow:4px 4px  
4px 4px #588BB4; box-shadow:4px 4px 4px  
4px #588BB4 }
```

# Background

The CSS property to change the background color of an element to Hex 588BB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588BB4 }
```

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

```
.background{ background-color:#588BB4 }
```

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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