

Converting Colors

Hex(588FBB)

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

Hex(588FBB)	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(588FBB)

Conversions

Conversions Part 1

Format	Color
Hex	588FBB
RGB	88, 143, 187
RGB Percent	35%, 56%, 73%
CMY	0.6549, 0.4392, 0.2667
CMYK	0.53, 0.24, 0.00, 0.27
HSL	207°, 42%, 54%
HSV	207°, 53%, 73%
XYZ	22.8166, 25.3075, 50.6960
YIQ	131.5710, -46.9040, 2.0240

Conversions

Conversions Part 2

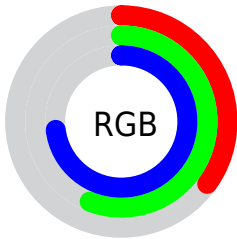
Format	Color
RYB	88, 123, 187
Decimal	5803963
CIELab	57.37, -5.52, -28.51
CIELCh	57, 29.036, 259.043
Yxy	25.3075, 0.2309, 0.2561
Android (android.graphics.Color)	4283994043 (0xFF588FBB)
YUV	131.5710, 27.3265, -38.2118
Hunter-Lab	50.3065, -7.0775, -24.5344

Details

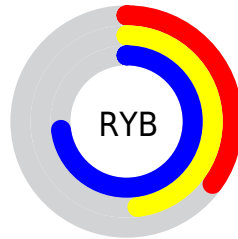
The Hex color **588FBB** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BB8458**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90C5F3**, and **1A5D86** is the 20% darker color. If you saturate the color by 10%, you get **4587BB**, and if you desaturate by 10%, it is **6B97BB**.

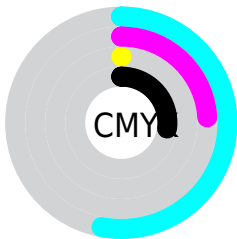
Distribution



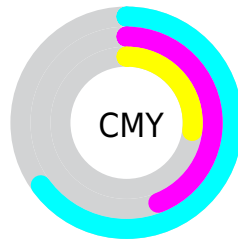
- Red (35%)
- Green (56%)
- Blue (73%)



- Red (35%)
- Yellow (48%)
- Blue (73%)



- Cyan (53%)
- Magenta (24%)
- Yellow (0%)
- Black (27%)



- Cyan (65%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 588FBB

■ 588FBB

FFFFFF

■ 3B75A0

■ 90C5F3

■ 1A5D86

■ ACE1FF

■ 00456C

■ C9DFFF

■ 002F54

■ E6FFFF

■ 001B3C

■ 000326

■ 000110

■ 000000

■ 588FBB

■ 588FBB

■ 4587BB

■ 6B97BB

■ 337EBB

■ 7DA0BB

■ 2076BB

■ 90A8BB

■ 0D6EBB

■ A3B0BB

■ 0068BB

■ B5B9BB

■ C8C1BB

■ DBC9BB

■ EED1BB

■ FFDABB

Harmonies

Analogous

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



3595AF



588FBB



8087B9

Triad

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



588FBB



BC777A



6E9368

Complementary

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



588FBB



BB8458

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.



8B8D59



588FBB



B57D65

Square

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



588FBB



B57794



A38558



4F977F

Rectangle

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



588FBB



9780B1



A38558



789262

Sweetspot

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



588FBB



CBE1F2



58BB83



63707A



FAFAFA



7A7A7A

Same Dimension

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



588FBB



57ADF2



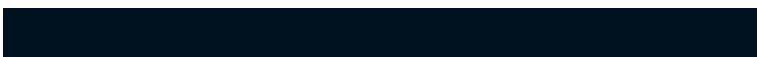
585FBB



555A5E



00589E



00111F

Inverse Universe

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



BB588F



F257AD



BBB458



5E555A



9E0058



1F0011

Previews

White Background



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

Color Contrast Check

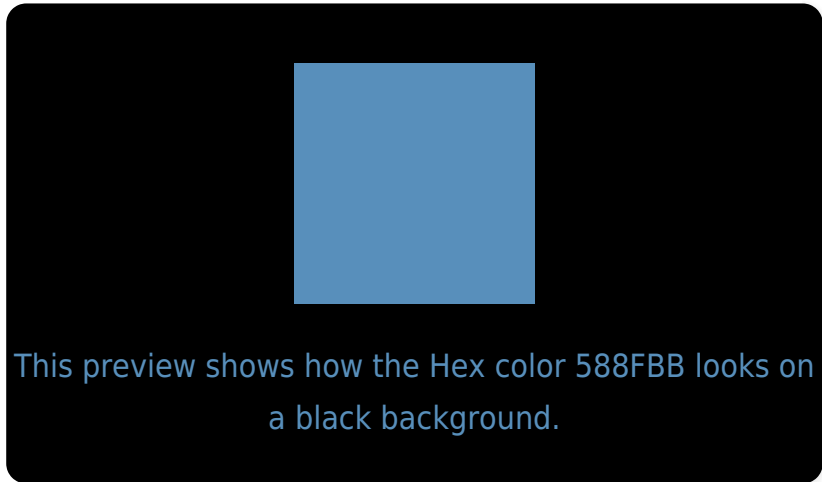
Large Text (above 18pt) WCAG AA ✓ Pass

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

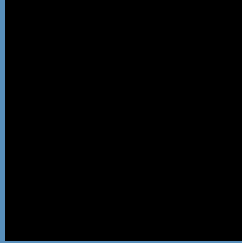
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

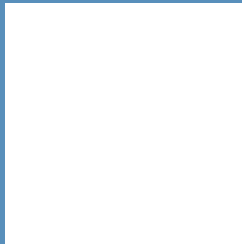
Any Text WCAG AAA × Fail

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

Hex 588FBB Background



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

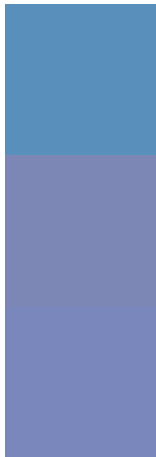


This preview shows how white text looks on a background with the Hex color 588FBB.

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



Original Color
588FBB

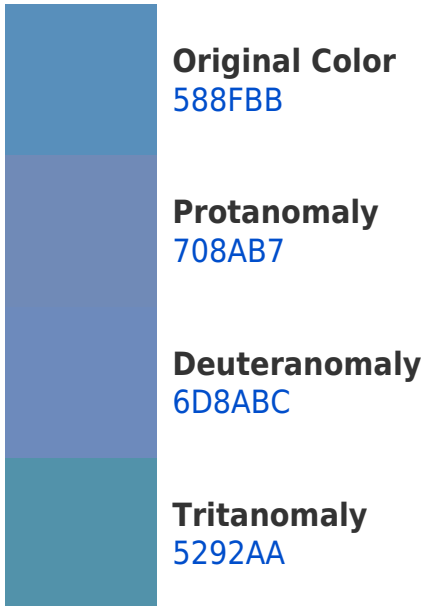
Protanopia
7D87B5

Deuteranopia
7987BD



Tritanopia
4E94A0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #588FBB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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