

Converting Colors

Hex(588BDD)

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

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Color

Hex(588BDD)

Conversions

Conversions Part 1

Format	Color
Hex	588BDD
RGB	88, 139, 221
RGB Percent	35%, 55%, 87%
CMY	0.6549, 0.4549, 0.1333
CMYK	0.60, 0.37, 0.00, 0.13
HSL	217°, 66%, 61%
HSV	217°, 60%, 87%
XYZ	26.3083, 25.7604, 71.9923
YIQ	133.0990, -56.7180, 14.6900

Conversions

Conversions Part 2

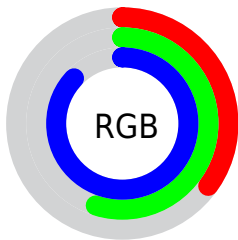
Format	Color
R _Y B	88, 125, 221
Decimal	5802973
CIE Lab	57.81, 7.71, -46.98
CIE LCh	58, 47.608, 279.321
Yxy	25.7604, 0.2121, 0.2076
Android (android.graphics.Color)	4283993053 (0xFF588BDD)
YUV	133.0990, 43.3352, -39.5518
Hunter-Lab	50.7547, 3.7032, -48.5707

Details

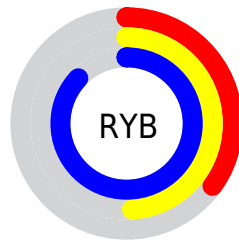
The Hex color **588BDD** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **DDAA58**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **94C0FF**, and **025AA5** is the 20% darker color. If you saturate the color by 10%, you get **427DDD**, and if you desaturate by 10%, it is **6E99DD**.

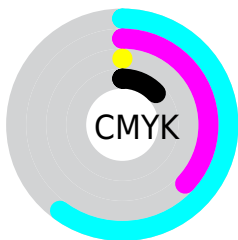
Distribution



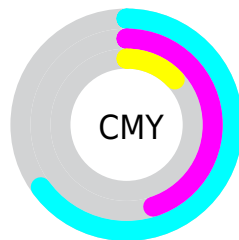
- Red (35%)
- Green (55%)
- Blue (87%)



- Red (35%)
- Yellow (49%)
- Blue (87%)



- Cyan (60%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (65%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 588BDD

■ 588BDD

FFFFFF

■ 3772C1

■ 94C0FF

■ 025AA5

■ B1DCFF

■ 00438B

■ CEF8FF

■ 002D71

■ ECFFFF

■ 001A58

■ 000740

■ 000329

■ 000113

■ 000000

■ 588BDD

■ 588BDD

■ 427DDD

■ 6E99DD

■ 2C70DD

■ 84A6DD

■ 1662DD

■ 9AB4DD

■ 0055DD

■ B0C2DD

■ C7CFDD

■ DDDDDD

■ F3EADD

■ FFF8DD

■ FFFFDD

Harmonies

Analogous

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



0097D8



588BDD



9F7BCC

Triad

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



588BDD



D26F58



249E6C

Complementary

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



588BDD



DDAA58

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.



699748



588BDD



BA7E3C

Square

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



588BDD



D8677F



968D34



00A097

Rectangle

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



588BDD



BD70B6



968D34



429C5F

Sweetspot

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



588BDD



D1E3FF



58DDA8



636E80



000000



808080

Same Dimension

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



588BDD



478EFF



6558DD



63676E



0042AD



00122E

Inverse Universe

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



DD588B



FF478E



D0DD58



6E6367



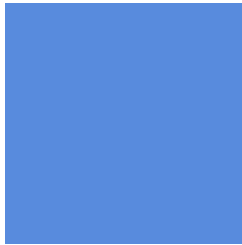
AD0042



2E0012

Previews

White Background



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

Color Contrast Check

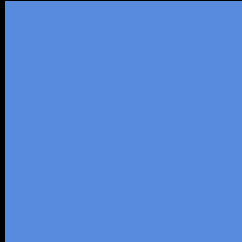
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 588BDD looks on a 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 588BDD Background



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

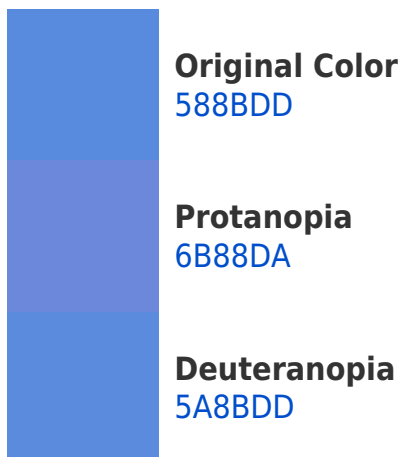


This preview shows how white text looks on a background with the Hex color 588BDD.

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](#).

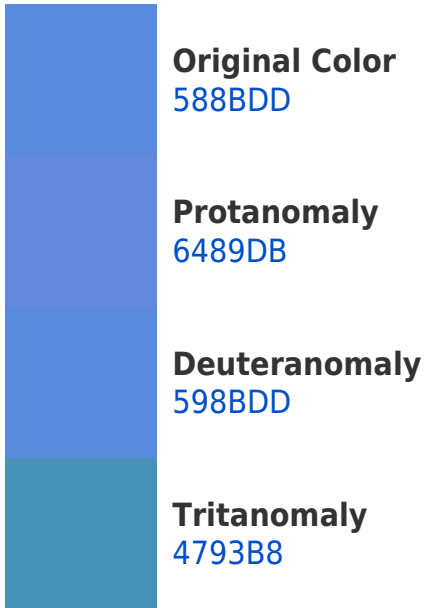
Dichromacy



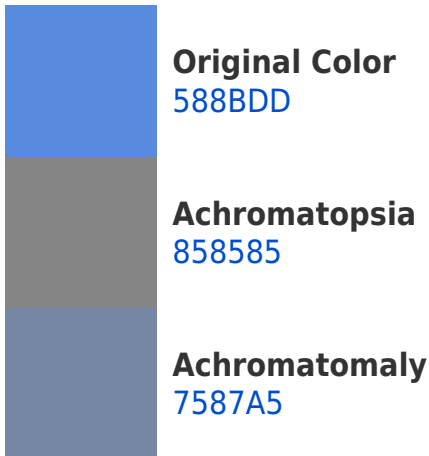


Tritanopia
3E97A3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #588BDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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