

Converting Colors

Hex(588FD6)

Have a look what the booklet for
Hex(588FD6) contains.

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Color

Hex(588FD6)

Conversions

Conversions Part 1

Format	Color
Hex	588FD6
RGB	88, 143, 214
RGB Percent	35%, 56%, 84%
CMY	0.6549, 0.4392, 0.1608
CMYK	0.59, 0.33, 0.00, 0.16
HSL	214°, 61%, 59%
HSV	214°, 59%, 84%
XYZ	25.9846, 26.5747, 67.3782
YIQ	134.6490, -55.5710, 10.4210

Conversions

Conversions Part 2

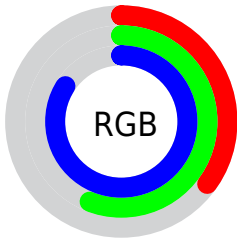
Format	Color
R _Y B	88, 126, 214
Decimal	5803990
CIE Lab	58.58, 3.05, -41.85
CIE LCh	59, 41.959, 274.170
Yxy	26.5747, 0.2167, 0.2216
Android (android.graphics.Color)	4283994070 (0xFF588FD6)
YUV	134.6490, 39.1200, -40.9112
Hunter-Lab	51.5506, -0.2390, -41.4084

Details

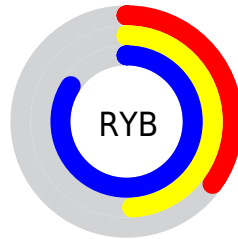
The Hex color **588FD6** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D69F58**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **93C4FF**, and **095D9F** is the 20% darker color. If you saturate the color by 10%, you get **4383D6**, and if you desaturate by 10%, it is **6D9BD6**.

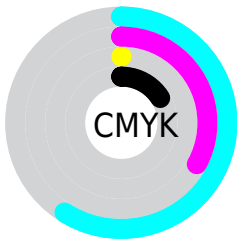
Distribution



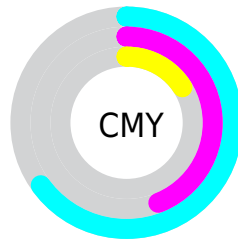
- Red (35%)
- Green (56%)
- Blue (84%)



- Red (35%)
- Yellow (49%)
- Blue (84%)



- Cyan (59%)
- Magenta (33%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (44%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 588FD6 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 588FD6 by changing the saturation by 10% instead.

■ 588FD6

■ 588FD6

FFFFFF

■ 3876BA

■ 93C4FF

■ 095D9F

■ B0E0FF

■ 004684

■ CDFDFF

■ 00306B

■ EBFFFF

■ 001C52

■ 00063B

■ 000224

■ 00000C

■ 000000

■ 588FD6

■ 588FD6

■ 4383D6

■ 6D9BD6

■ 2D77D6

■ 83A7D6

■ 186BD6

■ 98B3D6

■ 025FD6

■ AEBFD6

■ 005DD6

■ C3CBD6

■ D8D7D6

■ EEE3D6

■ FFEFD6

■ FFFCD6

Harmonies

Analogous

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



0099CE



588FD6



9781CA

Triad

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



588FD6



CF7366



479D6C

Complementary

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



588FD6



D69F58

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.



78974E



588FD6



BD7F4B

Square

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



588FD6



D16E89



9E8D41



00A091

Rectangle

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



588FD6



B478B8



9E8D41



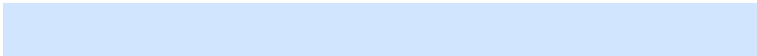
599B60

Sweetspot

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



588FD6



D1E5FF



58D69D



637080



000000



808080

Same Dimension

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



588FD6



4A99FF



5E58D6



60656B



004BAB



00132B

Inverse Universe

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



D6588F



FF4A99



D0D658



6B6065



AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 588FD6 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 588FD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

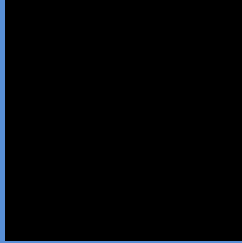
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

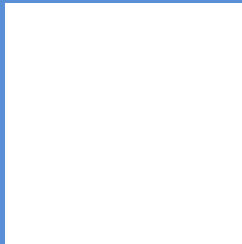
Any Text WCAG AAA × Fail

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

Hex 588FD6 Background



This preview shows how black text looks on a background with the Hex color 588FD6.

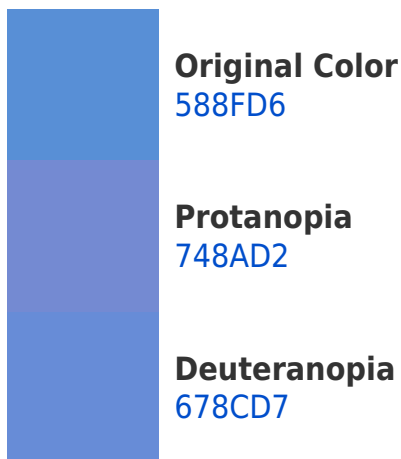


This preview shows how white text looks on a background with the Hex color 588FD6.

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](#).

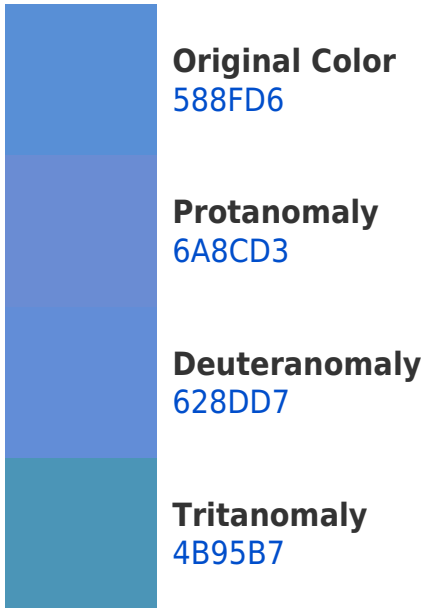
Dichromacy



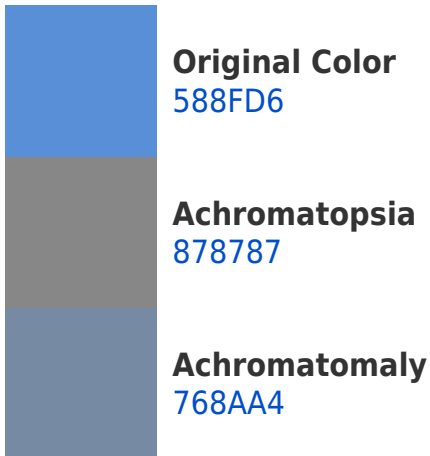


Tritanopia
4399A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 588FD6 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 #588FD6 looks like.

```
.text, #text, p{  
    color:#588FD6  
}
```

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 #588FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588FD6
}
```

Border

The CSS property to change the border of an element to Hex 588FD6 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
#588FD6 }
```

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

```
.border{ border-color:#588FD6 }
```

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

Here you see how a box with a 4 pixel #588FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588FD6; -webkit-box-shadow:4px 4px  
4px 4px #588FD6; box-shadow:4px 4px 4px  
4px #588FD6 }
```

Background

The CSS property to change the background color of an element to Hex 588FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588FD6 }
```

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

```
.background{ background-color:#588FD6 }
```

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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