

Converting Colors

Hex(5585F2)

Have a look what the booklet for
Hex(5585F2) contains.

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Color

Hex(5585F2)

Conversions

Conversions Part 1

Format	Color
Hex	5585F2
RGB	85, 133, 242
RGB Percent	33%, 52%, 95%
CMY	0.6667, 0.4784, 0.0510
CMYK	0.65, 0.45, 0.00, 0.05
HSL	222°, 86%, 64%
HSV	222°, 65%, 95%
XYZ	28.1609, 25.1172, 87.3683
YIQ	131.0740, -63.5970, 23.7230

Conversions

Conversions Part 2

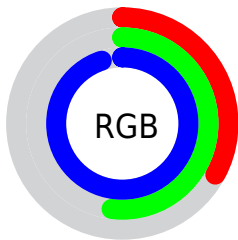
Format	Color
R _{YB}	85, 122, 242
Decimal	5604850
CIE Lab	57.19, 17.86, -59.66
CIE LCh	57, 62.276, 286.663
Yxy	25.1172, 0.2002, 0.1786
Android (android.graphics.Color)	4283794930 (0xFF5585F2)
YUV	131.0740, 54.6865, -40.4069
Hunter-Lab	50.1170, 12.5947, -68.2775

Details

The Hex color **5585F2** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F2C255**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **94BAFF**, and **0054B9** is the 20% darker color. If you saturate the color by 10%, you get **3D74F2**, and if you desaturate by 10%, it is **6D96F2**.

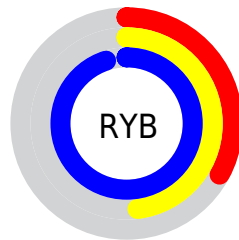
Distribution



Red (33%)

Green (52%)

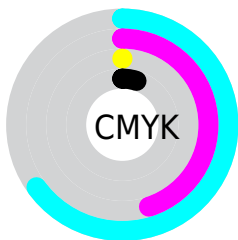
Blue (95%)



Red (33%)

Yellow (48%)

Blue (95%)

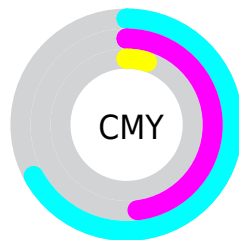


Cyan (65%)

Magenta (45%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (48%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5585F2 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 5585F2 by changing the saturation by 10% instead.

 5585F2

 5585F2

FFFFFF

 2F6CD5

 94BAFF

 0054B9

 B2D5FF

 003E9E

 D1F1FF

 002983

 EFFFFF

 001769

 000650

 000538

 000222

 000008

■ 5585F2

■ 5585F2

■ 3D74F2

■ 6D96F2

■ 2563F2

■ 85A7F2

■ 0C53F2

■ 9EB7F2

■ 004AF2

■ B6C8F2

■ CED9F2

■ E6EAF2

■ FEFBF2

■ FFFFF2

Harmonies

Analogous

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



0096F3



5585F2



B26DD5

Triad

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



5585F2



DB673B



00A16E

Complementary

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



5585F2



F2C255

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.



469B39



5585F2



B87E0E

Square

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



5585F2



EB546D



879008



00A3A7

Rectangle

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



5585F2



D45DB5



879008



00A05C

Sweetspot

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



5585F2



CFDDFF



55F2C0



626B80



000000



808080

Same Dimension

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



5585F2



3875FF



7255F2



6C7078



0038B8



001138

Inverse Universe

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



F25585



FF3875



D5F255



786C70



B80038



380011

Previews

White Background



This preview shows how the Hex color 5585F2 looks on a white background.

Color Contrast Check

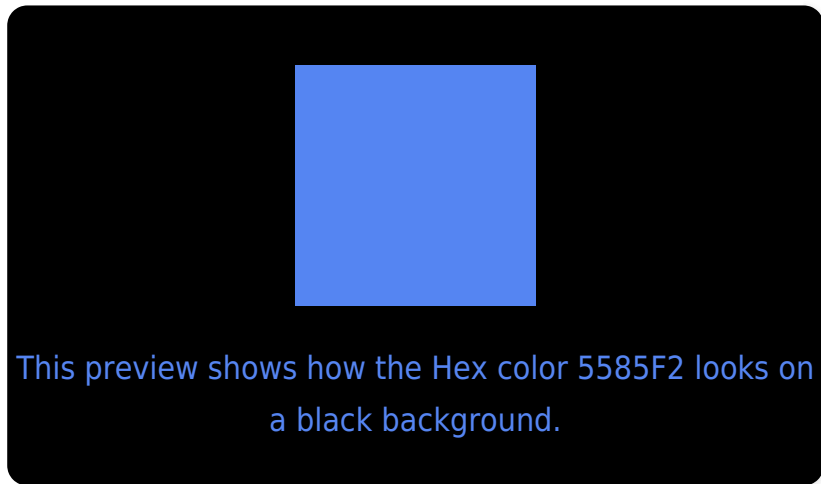
Large Text (above 18pt) WCAG AA ✓ Pass

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

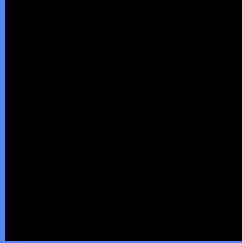
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

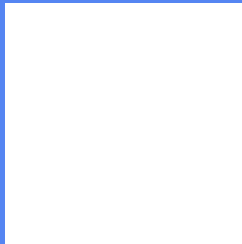
Any Text WCAG AAA × Fail

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

Hex 5585F2 Background



This preview shows how black text looks on a background with the Hex color 5585F2.



This preview shows how white text looks on a background with the Hex color 5585F2.

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](#).

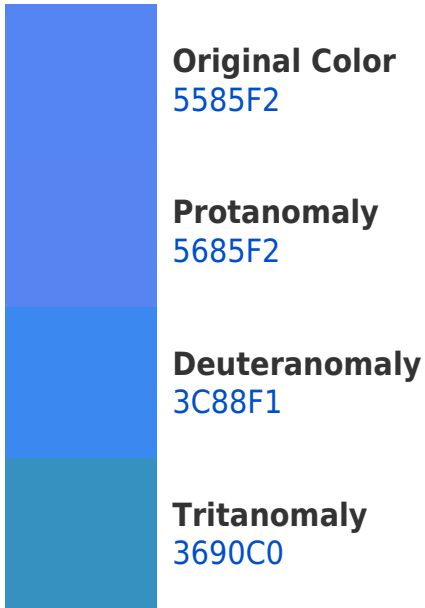
Dichromacy



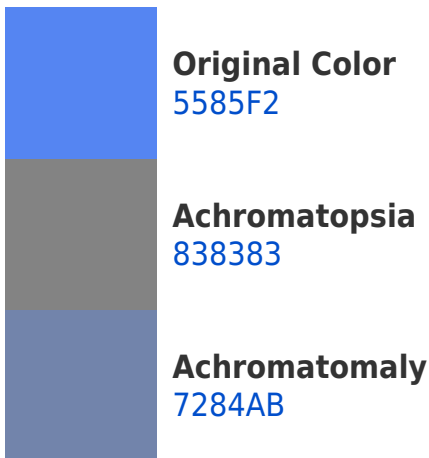


Tritanopia
2497A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5585F2 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 #5585F2 looks like.

```
.text, #text, p{  
    color:#5585F2  
}
```

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 #5585F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5585F2
}
```

Border

The CSS property to change the border of an element to Hex 5585F2 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
#5585F2 }
```

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

```
.border{ border-color:#5585F2 }
```

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

Here you see how a box with a 4 pixel #5585F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5585F2; -webkit-box-shadow:4px 4px  
4px 4px #5585F2; box-shadow:4px 4px 4px  
4px #5585F2 }
```

Background

The CSS property to change the background color of an element to Hex 5585F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5585F2 }
```

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

```
.background{ background-color:#5585F2 }
```

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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