

Converting Colors

Hex(5F96F7)

Have a look what the booklet for
Hex(5F96F7) contains.

Hex(5F96F7)	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(5F96F7)

Conversions

Conversions Part 1

Format	Color
Hex	5F96F7
RGB	95, 150, 247
RGB Percent	37%, 59%, 97%
CMY	0.6275, 0.4118, 0.0314
CMYK	0.62, 0.39, 0.00, 0.03
HSL	218°, 90%, 67%
HSV	218°, 62%, 97%
XYZ	32.4142, 30.9610, 92.2633
YIQ	144.6130, -63.9170, 18.5070

Conversions

Conversions Part 2

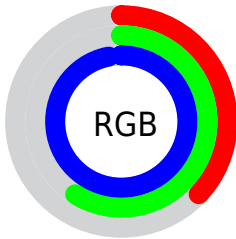
Format	Color
R _Y B	95, 135, 247
Decimal	6264567
CIE Lab	62.47, 11.08, -53.96
CIE LCh	62, 55.082, 281.601
Yxy	30.9610, 0.2083, 0.1989
Android (android.graphics.Color)	4284454647 (0xFF5F96F7)
YUV	144.6130, 50.4768, -43.5106
Hunter-Lab	55.6426, 6.6092, -59.3614

Details

The Hex color **5F96F7** 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 **F7C05F**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9DCCFF**, and **0164BE** is the 20% darker color. If you saturate the color by 10%, you get **4686F7**, and if you desaturate by 10%, it is **78A6F7**.

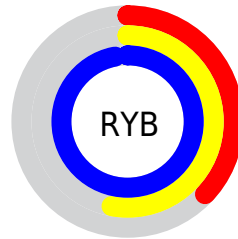
Distribution



Red (37%)

Green (59%)

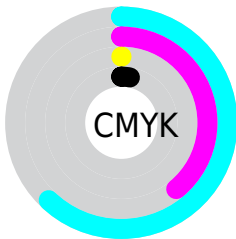
Blue (97%)



Red (37%)

Yellow (53%)

Blue (97%)

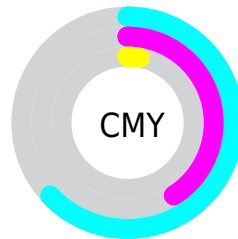


Cyan (62%)

Magenta (39%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (41%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F96F7 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 5F96F7 by changing the saturation by 10% instead.

■ 5F96F7

FFFFFF

■ 9DCCFF

■ BBE8FF

■ D9FFFF

■ F7FFFF

■ 5F96F7

■ 3D7CDA

■ 0164BE

■ 004CA3

■ 003688

■ 00226E

■ 000C55

■ 00063D

■ 000326

■ 00010F

■ 5F96F7

■ 5F96F7

■ 4686F7

■ 78A6F7

■ 2E76F7

■ 90B6F7

■ 1567F7

■ A9C5F7

■ 0059F7

■ C2D5F7

■ DBE5F7

■ F3F5F7

■ FFFFF7

Harmonies

Analogous

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



00A5F3



5F96F7



B382E1

Triad

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



5F96F7



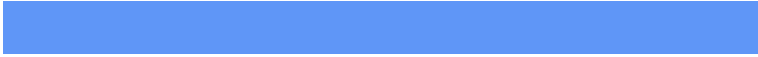
E87758



00AD76

Complementary

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



5F96F7



F7C05F

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.



6AA64A



5F96F7



CA8A37

Square

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



5F96F7



F16B86



A09B30



00AFA9

Rectangle

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



5F96F7



D575C6



A09B30



35AB66

Sweetspot

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



5F96F7



D1E2FF



5FF7BF



636E80



000000



808080

Same Dimension

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



5F96F7



4287FF



735FF7



6E737A



0043BA



00153B

Inverse Universe

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



F75F96



FF4287



E3F75F



7A6E73



BA0043



3B0015

Previews

White Background



This preview shows how the Hex color 5F96F7 looks on a white background.

Color Contrast Check

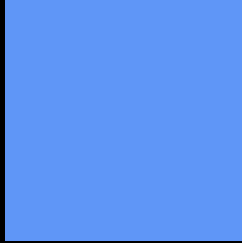
Large Text (above 18pt) WCAG AA × Fail

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 5F96F7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

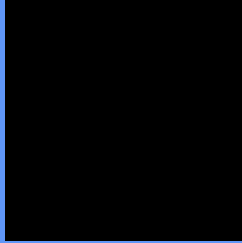
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

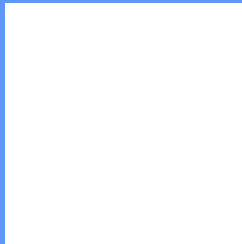
Any Text WCAG AAA ✓ Pass

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

Hex 5F96F7 Background



This preview shows how black text looks on a background with the Hex color 5F96F7.



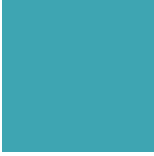
This preview shows how white text looks on a background with the Hex color 5F96F7.

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](#).

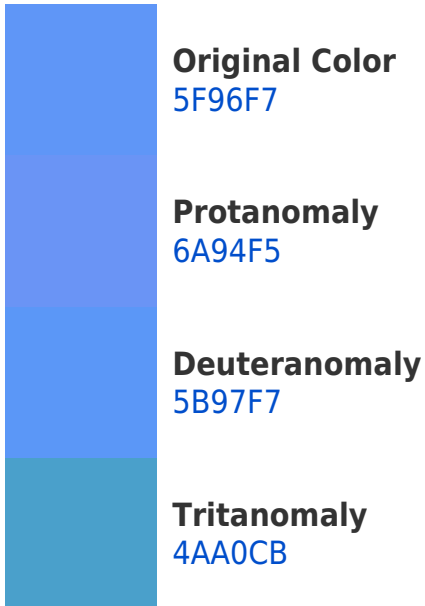
Dichromacy





Tritanopia
3EA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F96F7 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 #5F96F7 looks like.

```
.text, #text, p{  
    color:#5F96F7  
}
```

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 #5F96F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F96F7
}
```

Border

The CSS property to change the border of an element to Hex 5F96F7 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
#5F96F7 }
```

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

```
.border{ border-color:#5F96F7 }
```

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

Here you see how a box with a 4 pixel #5F96F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F96F7; -webkit-box-shadow:4px 4px  
4px 4px #5F96F7; box-shadow:4px 4px 4px  
4px #5F96F7 }
```

Background

The CSS property to change the background color of an element to Hex 5F96F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F96F7 }
```

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

```
.background{ background-color:#5F96F7 }
```

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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