

Converting Colors

Hex(5689FB)

Have a look what the booklet for
Hex(5689FB) contains.

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Color

Hex(5689FB)

Conversions

Conversions Part 1

Format	Color
Hex	5689FB
RGB	86, 137, 251
RGB Percent	34%, 54%, 98%
CMY	0.6627, 0.4627, 0.0157
CMYK	0.66, 0.45, 0.00, 0.02
HSL	221°, 95%, 66%
HSV	221°, 66%, 98%
XYZ	30.1960, 26.8348, 94.8549
YIQ	134.7470, -66.9900, 24.6420

Conversions

Conversions Part 2

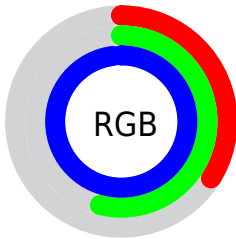
Format	Color
R _Y B	86, 125, 251
Decimal	5671419
CIE Lab	58.82, 18.67, -62.01
CIE LCh	59, 64.760, 286.754
Yxy	26.8348, 0.1988, 0.1767
Android (android.graphics.Color)	4283861499 (0xFF5689FB)
YUV	134.7470, 57.3127, -42.7511
Hunter-Lab	51.8023, 13.3951, -72.3040

Details

The Hex color **5689FB** 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 **FBC856**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **96BEFF**, and **0058C2** is the 20% darker color. If you saturate the color by 10%, you get **3D78FB**, and if you desaturate by 10%, it is **6F9AFB**.

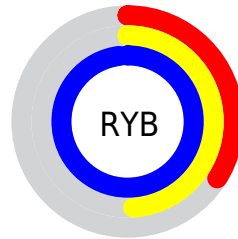
Distribution



Red (34%)

Green (54%)

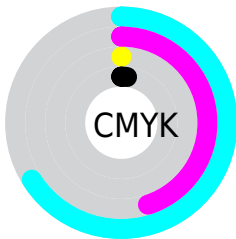
Blue (98%)



Red (34%)

Yellow (49%)

Blue (98%)

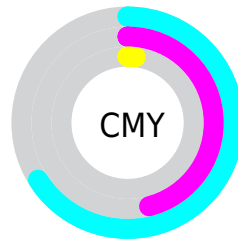


Cyan (66%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (66%)

Magenta (46%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5689FB 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 5689FB by changing the saturation by 10% instead.

 5689FB

 5689FB

FFFFFF

 2F70DE

 96BEFF

 0058C2

 B5DAFF

 0041A6

 D3F6FF

 002C8B

 F2FFFF

 001A71

 000258

 00063F

 000328

 000112

■ 5689FB

■ 5689FB

■ 3D78FB

■ 6F9AFB

■ 2466FB

■ 88ACFB

■ 0B55FB

■ A1BDFB

■ 004EFB

■ BACEFB

■ D3E0FB

■ EDF1FB

■ FFFFFB

Harmonies

Analogous

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



009BFC



5689FB



B870DC

Triad

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



5689FB



E3693C



00A672

Complementary

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



5689FB



FBC856

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.



46A039



5689FB



BE8209

Square

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



5689FB



F35670



8B9501



00A8AD

Rectangle

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



5689FB



DB5FBC



8B9501



00A55E

Sweetspot

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



5689FB



CCDCFF



56FBC7



616A80



000000



808080

Same Dimension

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



5689FB



3674FF



7456FB



70747D



003ABD



00133D

Inverse Universe

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



FB5689



FF3674



DDFB56



7D7074



BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 5689FB looks on a white background.

Color Contrast Check

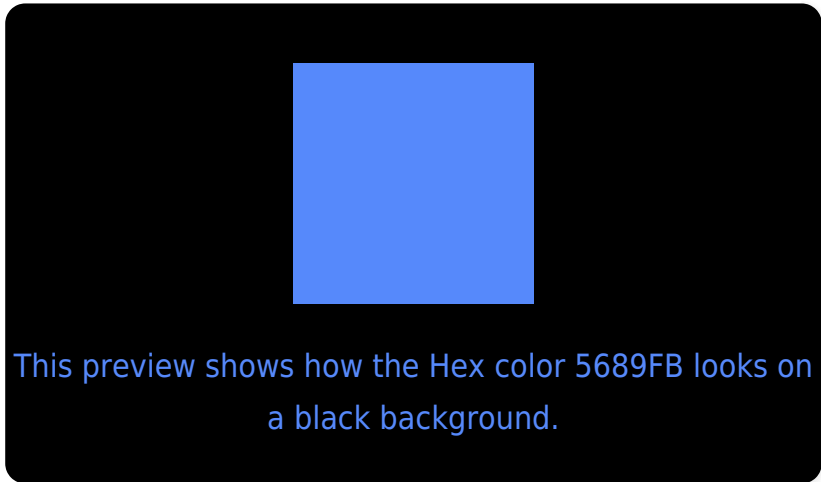
Large Text (above 18pt) WCAG AA ✓ Pass

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

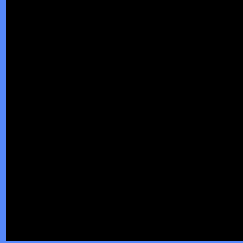
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

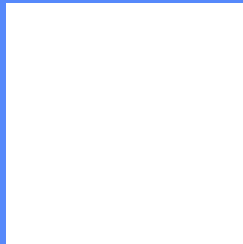
Any Text WCAG AAA × Fail

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

Hex 5689FB Background



This preview shows how black text looks on a background with the Hex color 5689FB.



This preview shows how white text looks on a background with the Hex color 5689FB.

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
1E9CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5689FB 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 #5689FB looks like.

```
.text, #text, p{  
    color:#5689FB  
}
```

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 #5689FB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5689FB
}
```

Border

The CSS property to change the border of an element to Hex 5689FB 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
#5689FB }
```

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

```
.border{ border-color:#5689FB }
```

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

Here you see how a box with a 4 pixel #5689FB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5689FB; -webkit-box-shadow:4px 4px  
4px 4px #5689FB; box-shadow:4px 4px 4px  
4px #5689FB }
```

Background

The CSS property to change the background color of an element to Hex 5689FB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5689FB }
```

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

```
.background{ background-color:#5689FB }
```

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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