

Converting Colors

Hex(6C99EF)

Have a look what the booklet for
Hex(6C99EF) contains.

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Color

Hex(6C99EF)

Conversions

Conversions Part 1

Format	Color
Hex	6C99EF
RGB	108, 153, 239
RGB Percent	42%, 60%, 94%
CMY	0.5765, 0.4000, 0.0627
CMYK	0.55, 0.36, 0.00, 0.06
HSL	219°, 80%, 68%
HSV	219°, 55%, 94%
XYZ	33.1556, 32.2026, 86.1296
YIQ	149.3490, -54.4260, 17.2060

Conversions

Conversions Part 2

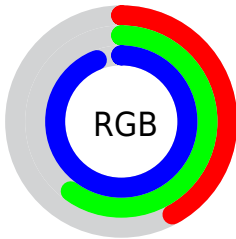
Format	Color
RYB	108, 141, 239
Decimal	7117295
CIELab	63.51, 9.26, -47.88
CIELCh	64, 48.767, 280.943
Yxy	32.2026, 0.2189, 0.2126
Android (android.graphics.Color)	4285307375 (0xFF6C99EF)
YUV	149.3490, 44.1979, -36.2631
Hunter-Lab	56.7473, 4.9837, -50.2656

Details

The Hex color **6C99EF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFC26C**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A7CFFF**, and **2B66B7** is the 20% darker color. If you saturate the color by 10%, you get **5489EF**, and if you desaturate by 10%, it is **84A9EF**.

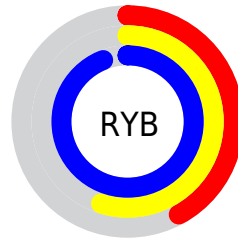
Distribution



Red (42%)

Green (60%)

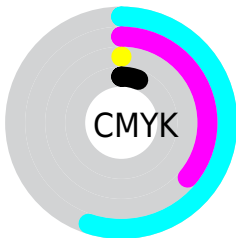
Blue (94%)



Red (42%)

Yellow (55%)

Blue (94%)

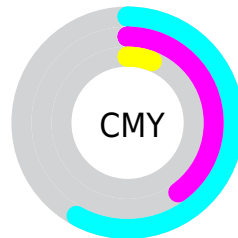


Cyan (55%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (58%)

Magenta (40%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C99EF 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 6C99EF by changing the saturation by 10% instead.

 6C99EF

 6C99EF

FFFFFF

 4D7FD2

 A7CFFF

 2B66B7

 C4EBFF

 004F9B

 E2FFFF

 003981

 002467

 000E4F

 000537

 000221

 000005

■ 6C99EF

■ 6C99EF

■ 5489EF

■ 84A9EF

■ 3C7AEF

■ 9CB8EF

■ 246AEF

■ B4C8EF

■ 0C5AEF

■ CCD8EF

■ 0052EF

■ E3E7EF

■ FBF7EF

■ FFFFEF

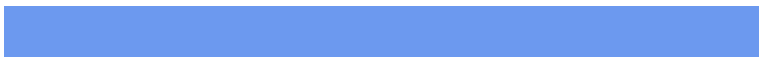
Harmonies

Analogous

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



00A6EB



6C99EF



B288DC

Triad

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



6C99EF



E47E63



2EAE7C

Complementary

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



6C99EF



EFC26C

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.



74A756



6C99EF



CA8E47

Square

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



6C99EF



EB758B



A49D41



00B0A9

Rectangle

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



6C99EF



D07DC5



A49D41



4CAC6E

Sweetspot

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



6C99EF



D6E4FF



6CEFC1



677080



000000



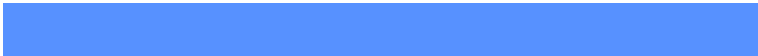
808080

Same Dimension

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



6C99EF



5791FF



806CEF



6C7078



003FB8



001338

Inverse Universe

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



EF6C99



FF5791



DBEF6C



786C70



B8003F



380013

Previews

White Background



This preview shows how the Hex color 6C99EF looks on a white background.

Color Contrast Check

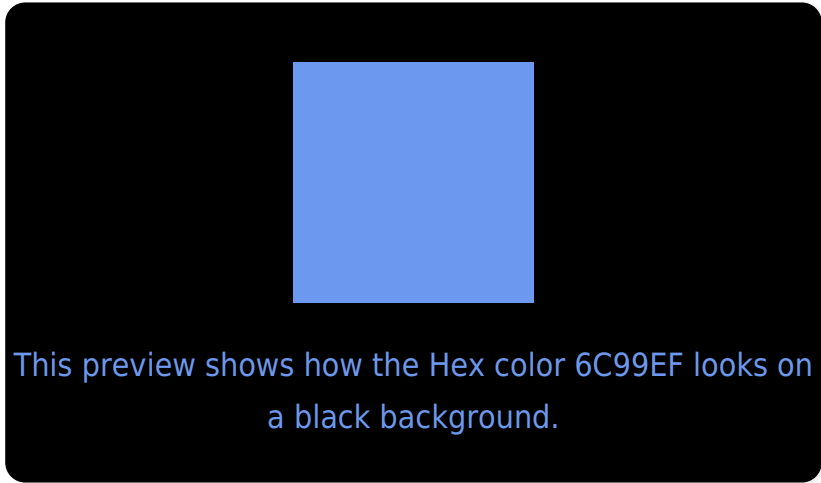
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

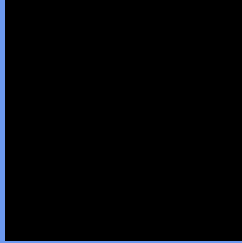
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

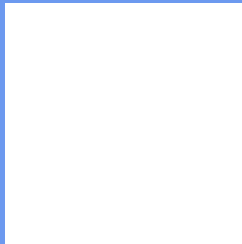
Any Text WCAG AAA ✓ Pass

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

Hex 6C99EF Background



This preview shows how black text looks on a background with the Hex color 6C99EF.



This preview shows how white text looks on a background with the Hex color 6C99EF.

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](#).

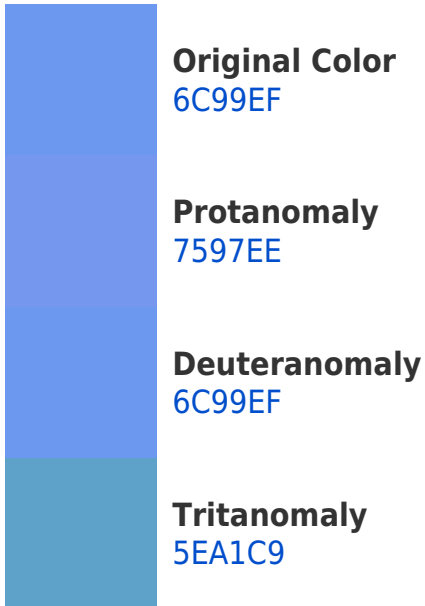
Dichromacy





Tritanopia
56A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C99EF 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 #6C99EF looks like.

```
.text, #text, p{  
    color:#6C99EF  
}
```

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 #6C99EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C99EF
}
```

Border

The CSS property to change the border of an element to Hex 6C99EF 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
#6C99EF }
```

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

```
.border{ border-color:#6C99EF }
```

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

Here you see how a box with a 4 pixel #6C99EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C99EF; -webkit-box-shadow:4px 4px  
4px 4px #6C99EF; box-shadow:4px 4px 4px  
4px #6C99EF }
```

Background

The CSS property to change the background color of an element to Hex 6C99EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C99EF }
```

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

```
.background{ background-color:#6C99EF }
```

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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