

Converting Colors

Hex(6B89F0)

Have a look what the booklet for
Hex(6B89F0) contains.

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Color

Hex(6B89F0)

Conversions

Conversions Part 1

Format	Color
Hex	6B89F0
RGB	107, 137, 240
RGB Percent	42%, 54%, 94%
CMY	0.5804, 0.4627, 0.0588
CMYK	0.55, 0.43, 0.00, 0.06
HSL	226°, 82%, 68%
HSV	226°, 55%, 94%
XYZ	30.7372, 27.3084, 86.0891
YIQ	139.7720, -50.9430, 25.6730

Conversions

Conversions Part 2

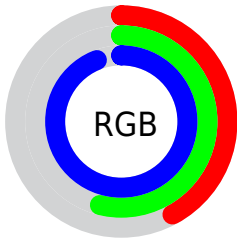
Format	Color
R _Y B	107, 131, 240
Decimal	7047664
CIE Lab	59.26, 18.81, -55.18
CIE LCh	59, 58.299, 288.821
Yxy	27.3084, 0.2133, 0.1895
Android (android.graphics.Color)	4285237744 (0xFF6B89F0)
YUV	139.7720, 49.4124, -28.7410
Hunter-Lab	52.2574, 13.5412, -61.0944

Details

The Hex color **6B89F0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F0D26B**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A6BEFF**, and **2858B7** is the 20% darker color. If you saturate the color by 10%, you get **5376F0**, and if you desaturate by 10%, it is **839CF0**.

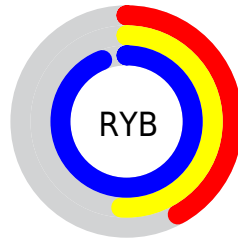
Distribution



Red (42%)

Green (54%)

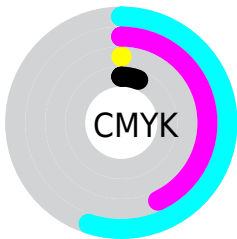
Blue (94%)



Red (42%)

Yellow (51%)

Blue (94%)

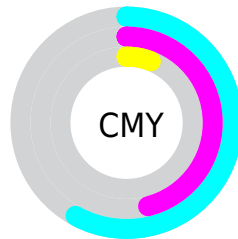


Cyan (55%)

Magenta (43%)

Yellow (0%)

Black (6%)



Cyan (58%)

Magenta (46%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B89F0 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 6B89F0 by changing the saturation by 10% instead.

 6B89F0

 6B89F0

FFFFFF

 4C70D3

 A6BEFF

 2858B7

 C4DAFF

 00419C

 E2F6FF


 002C81

 001968

 00004F

 000537

 000221

 000005

■ 6B89F0

■ 6B89F0

■ 5376F0

■ 839CF0

■ 3B64F0

■ 9BAEF0

■ 2351F0

■ B3C1F0

■ 0B3FF0

■ CBD3F0

■ 0036F0

■ E3E6F0

■ FBF9F0

■ FFFFF0

Harmonies

Analogous

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



009AF3



6B89F0



BA73D3

Triad

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



6B89F0



DC7143



00A679

Complementary

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



6B89F0



F0D26B

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.



4CA047



6B89F0



B98521

Square

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



6B89F0



EC6071



8A9622



00A7AE

Rectangle

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



6B89F0



D865B5



8A9622



00A568

Sweetspot

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



6B89F0



D4DDFF



6BF0D1



666C80



000000



808080

Same Dimension

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



6B89F0



547BFF



8E6BF0



6C6F78



0029B8



000D38

Inverse Universe

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



F06B89



FF547B



CDF06B



786C6F



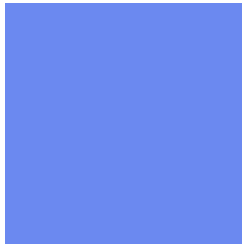
B80029



38000D

Previews

White Background



This preview shows how the Hex color 6B89F0 looks on a white background.

Color Contrast Check

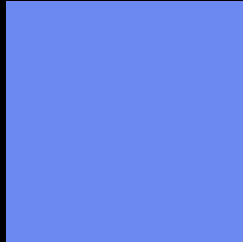
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B89F0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

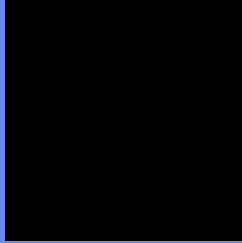
Any Text WCAG AA ✓ Pass

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 6B89F0 Background



This preview shows how black text looks on a background with the Hex color 6B89F0.



This preview shows how white text looks on a background with the Hex color 6B89F0.

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](#).

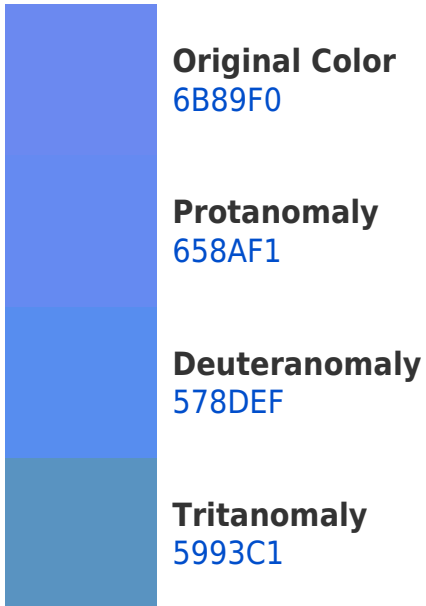
Dichromacy





Tritanopia
4F99A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B89F0 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 #6B89F0 looks like.

```
.text, #text, p{  
    color:#6B89F0  
}
```

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 #6B89F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B89F0
}
```

Border

The CSS property to change the border of an element to Hex 6B89F0 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
#6B89F0 }
```

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

```
.border{ border-color:#6B89F0 }
```

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

Here you see how a box with a 4 pixel #6B89F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B89F0; -webkit-box-shadow:4px 4px  
4px 4px #6B89F0; box-shadow:4px 4px 4px  
4px #6B89F0 }
```

Background

The CSS property to change the background color of an element to Hex 6B89F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B89F0 }
```

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

```
.background{ background-color:#6B89F0 }
```

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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