

Converting Colors

Hex(69BCF4)

Have a look what the booklet for
Hex(69BCF4) contains.

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Color

Hex(69BCF4)

Conversions

Conversions Part 1	
Format	Color
Hex	69BCF4
RGB	105, 188, 244
RGB Percent	41%, 74%, 96%
CMY	0.5882, 0.2627, 0.0431
CMYK	0.57, 0.23, 0.00, 0.04
HSL	204°, 86%, 68%
HSV	204°, 57%, 96%
XYZ	40.1381, 45.5014, 92.2551
YIQ	169.5670, -67.4440, -0.1800

Conversions

Conversions Part 2

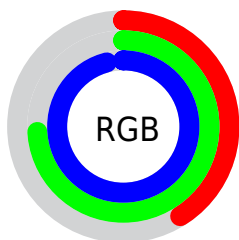
Format	Color
RYB	105, 157, 244
Decimal	6929652
CIELab	73.22, -9.45, -35.42
CIELCh	73, 36.661, 255.067
Yxy	45.5014, 0.2256, 0.2558
Android (android.graphics.Color)	4285119732 (0xFF69BCF4)
YUV	169.5670, 36.6955, -56.6253
Hunter-Lab	67.4547, -11.8316, -33.8703

Details

The Hex color **69BCF4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F4A169**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **A5F4FF**, and **2287BC** is the 20% darker color. If you saturate the color by 10%, you get **51B2F4**, and if you desaturate by 10%, it is **81C6F4**.

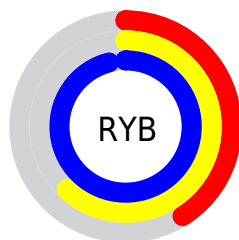
Distribution



Red (41%)

Green (74%)

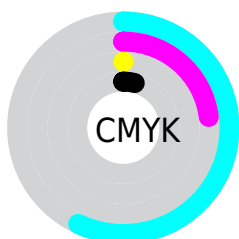
Blue (96%)



Red (41%)

Yellow (62%)

Blue (96%)

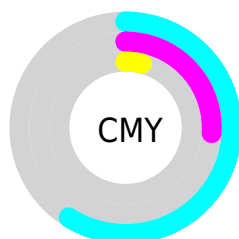


Cyan (57%)

Magenta (23%)

Yellow (0%)

Black (4%)



Cyan (59%)

Magenta (26%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 69BCF4 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 69BCF4 by changing the saturation by 10% instead.

 69BCF4

 69BCF4

FFFFFF

 49A1D7

 A5F4FF

 2287BC

 C3FFFF

 006EA0

 E1FFFF

 005586

 003E6C

 002954

 00153C

 000326

 00010F

 69BCF4

 69BCF4

 51B2F4

 81C6F4

 38A8F4


 9AD0F4

 209FF4

 B2D9F4

 0795F4

 CBE3F4

 0092F4

 E3EDF4

 FBF7F4

 FFFFF4

Harmonies

Analogous

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



3BC3E2



69BCF4



9FB1F4

Triad

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



69BCF4



F69AA4



94C083

Complementary

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



69BCF4



F4A169

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.



B9B772



69BCF4



EFA186

Square

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



69BCF4



EB9CC6



D9AC73



6AC5A1

Rectangle

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



69BCF4



BFA9EB



D9AC73



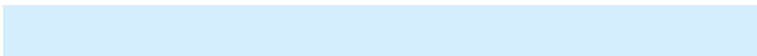
A1BD7C

Sweetspot

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



69BCF4



D4EEFF



69F4A1



667580



000000



808080

Same Dimension

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



69BCF4



52B9FF



6977F4



6E757A



006FBA



00233B

Inverse Universe

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



F469BC



FF52B9



F4E669



7A6E75



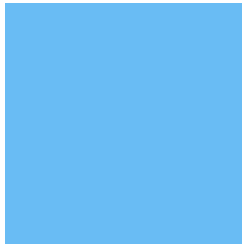
BA006F



3B0023

Previews

White Background



This preview shows how the Hex color 69BCF4 looks on a white background.

Color Contrast Check

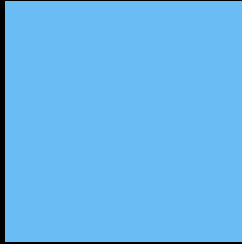
Large Text (above 18pt) WCAG AA × Fail

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 69BCF4 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

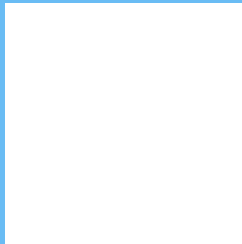
Any Text WCAG AAA ✓ Pass

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

Hex 69BCF4 Background



This preview shows how black text looks on a background with the Hex color 69BCF4.

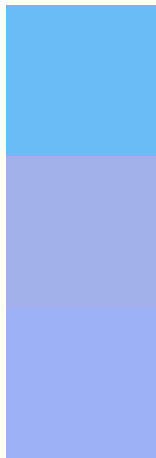


This preview shows how white text looks on a background with the Hex color 69BCF4.

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](#).

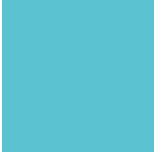
Dichromacy



Original Color
69BCF4

Protanopia
A3B1EB


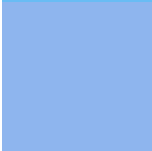
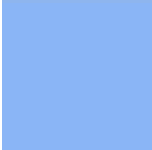
Deuteranopia
9DB1F7






Tritanopia

5BC2D2

Trichromacy

	Original Color 69BCF4
	Protanomaly 8EB5EE
	Deuteranomaly 8AB5F6
	Tritanomaly 60C0DE

Monochromacy

	Original Color 69BCF4
	Achromatopsia AAAAAA
	Achromatomaly 92B1C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 69BCF4 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 #69BCF4 looks like.

```
.text, #text, p{  
    color:#69BCF4  
}
```

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 #69BCF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69BCF4
}
```

Border

The CSS property to change the border of an element to Hex 69BCF4 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
#69BCF4 }
```

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

```
.border{ border-color:#69BCF4 }
```

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

Here you see how a box with a 4 pixel #69BCF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69BCF4; -webkit-box-shadow:4px 4px  
4px 4px #69BCF4; box-shadow:4px 4px 4px  
4px #69BCF4 }
```

Background

The CSS property to change the background color of an element to Hex 69BCF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69BCF4 }
```

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

```
.background{ background-color:#69BCF4 }
```

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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