

Converting Colors

Hex(6CD3F9)

Have a look what the booklet for
Hex(6CD3F9) contains.

Hex(6CD3F9)	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(6CD3F9)

Conversions

Conversions Part 1

Format	Color
Hex	6CD3F9
RGB	108, 211, 249
RGB Percent	42%, 83%, 98%
CMY	0.5765, 0.1725, 0.0235
CMYK	0.57, 0.15, 0.00, 0.02
HSL	196°, 92%, 70%
HSV	196°, 57%, 98%
XYZ	46.5775, 56.6162, 98.0957
YIQ	184.5350, -73.5860, -10.0180

Conversions

Conversions Part 2

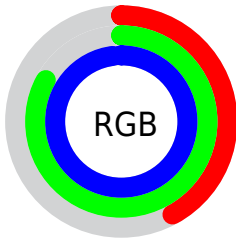
Format	Color
R _{YB}	108, 168, 249
Decimal	7132153
CIE _{Lab}	79.96, -19.44, -27.71
CIE _{LCh}	80, 33.847, 234.955
Yxy	56.6162, 0.2314, 0.2813
Android (android.graphics.Color)	4285322233 (0xFF6CD3F9)
YUV	184.5350, 31.7812, -67.1212
Hunter-Lab	75.2438, -21.1813, -24.6260

Details

The Hex color **6CD3F9** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F9926C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A9FFFF**, and **239CC0** is the 20% darker color. If you saturate the color by 10%, you get **53CCF9**, and if you desaturate by 10%, it is **85DAF9**.

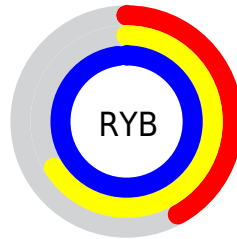
Distribution



Red (42%)

Green (83%)

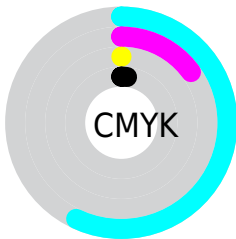
Blue (98%)



Red (42%)

Yellow (66%)

Blue (98%)

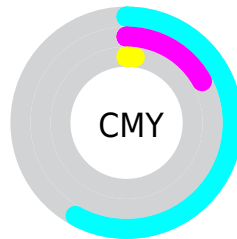


Cyan (57%)

Magenta (15%)

Yellow (0%)

Black (2%)



Cyan (58%)

Magenta (17%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD3F9 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 6CD3F9 by changing the saturation by 10% instead.

 6CD3F9

 6CD3F9

FFFFFF

 4CB7DC

 A9FFFF

 239CC0

 C7FFFF

 0082A5

 E5FFFF

 00698B

 005171

 003A59

 002441

 00032B

 000115

■ 6CD3F9

■ 6CD3F9

■ 53CCF9

■ 85DAF9

■ 3AC6F9

■ 9EE0F9

■ 21BFF9

■ B7E7F9

■ 08B8F9

■ D0EEF9

■ 00B6F9

■ E9F5F9

■ FFFBF9

■ FFFFF9

Harmonies

Analogous

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



61D7E0



6CD3F9



95CBFF

Triad

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



6CD3F9



FFAFCD



C1CC8C

Complementary

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



6CD3F9



F9926C

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.



E1C287



6CD3F9



FFB0AD

Square

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



6CD3F9



EAB5EB



FAB894



9CD4A1

Rectangle

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



6CD3F9



B4C4FF



FAB894



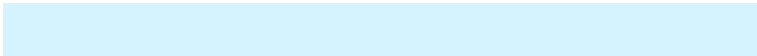
CCC989

Sweetspot

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



6CD3F9



D4F3FF



6CF992



667980



000000



808080

Same Dimension

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



6CD3F9



52D0FF



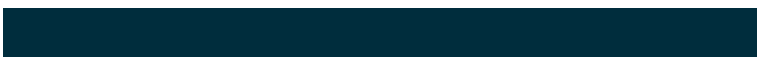
6C8DF9



707A7D



008ABD



002D3D

Inverse Universe

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



F96CD3



FF52D0



F9D86C



7D707A



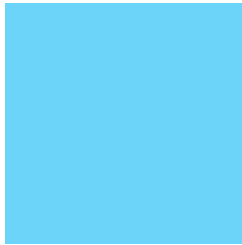
BD008A



3D002D

Previews

White Background



This preview shows how the Hex color 6CD3F9 looks on a white background.

Color Contrast Check

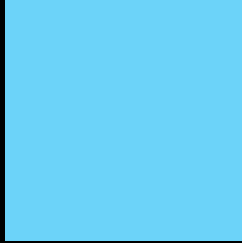
Large Text (above 18pt) WCAG AA × Fail

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 6CD3F9 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 6CD3F9 Background



This preview shows how black text looks on a background with the Hex color 6CD3F9.

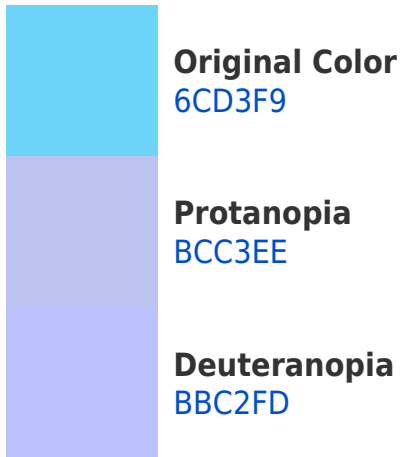


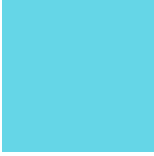
This preview shows how white text looks on a background with the Hex color 6CD3F9.

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](#).

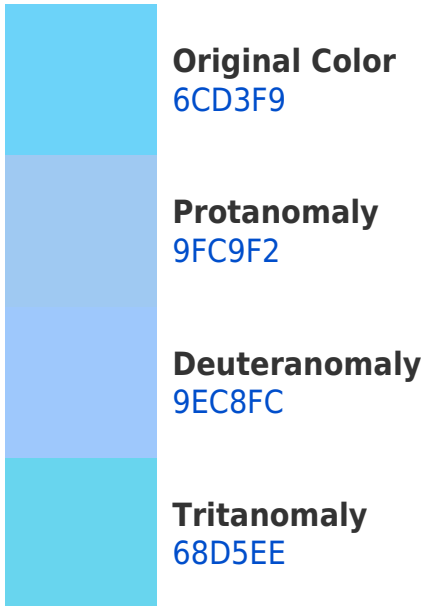
Dichromacy



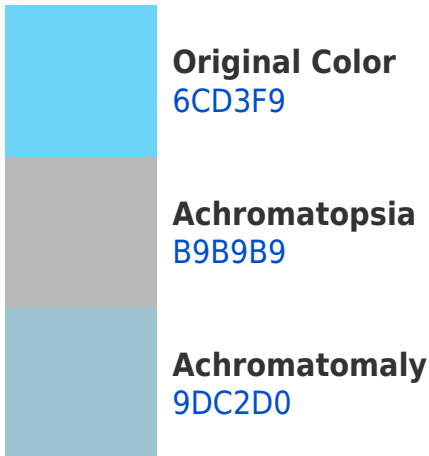


Tritanopia
65D6E7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD3F9 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 #6CD3F9 looks like.

```
.text, #text, p{  
    color:#6CD3F9  
}
```

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 #6CD3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD3F9
}
```

Border

The CSS property to change the border of an element to Hex 6CD3F9 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
#6CD3F9 }
```

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

```
.border{ border-color:#6CD3F9 }
```

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

Here you see how a box with a 4 pixel #6CD3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD3F9; -webkit-box-shadow:4px 4px  
4px 4px #6CD3F9; box-shadow:4px 4px 4px  
4px #6CD3F9 }
```

Background

The CSS property to change the background color of an element to Hex 6CD3F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD3F9 }
```

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

```
.background{ background-color:#6CD3F9 }
```

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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