

Converting Colors

Hex(6CD5F7)

Have a look what the booklet for
Hex(6CD5F7) contains.

Hex(6CD5F7)	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(6CD5F7)

Conversions

Conversions Part 1

Format	Color
Hex	6CD5F7
RGB	108, 213, 247
RGB Percent	42%, 84%, 97%
CMY	0.5765, 0.1647, 0.0314
CMYK	0.56, 0.14, 0.00, 0.03
HSL	195°, 90%, 70%
HSV	195°, 56%, 97%
XYZ	46.7671, 57.4920, 96.6279
YIQ	185.4810, -73.4940, -11.6860

Conversions

Conversions Part 2

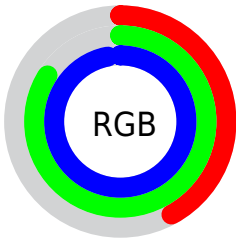
Format	Color
RYB	108, 168, 247
Decimal	7132663
CIELab	80.46, -21.02, -25.89
CIELCh	80, 33.353, 230.926
Yxy	57.4920, 0.2328, 0.2862
Android (android.graphics.Color)	4285322743 (0xFF6CD5F7)
YUV	185.4810, 30.3289, -67.9508
Hunter-Lab	75.8235, -22.5943, -22.4815

Details

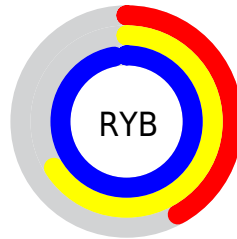
The Hex color **6CD5F7** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F78E6C**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A9FFFF**, and **249EBF** is the 20% darker color. If you saturate the color by 10%, you get **53CFF7**, and if you desaturate by 10%, it is **85DBF7**.

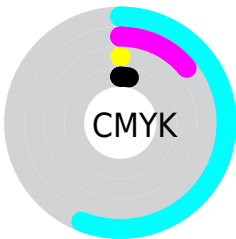
Distribution



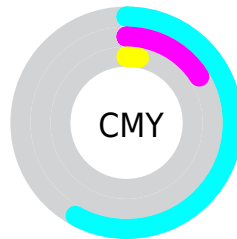
- Red (42%)
- Green (84%)
- Blue (97%)



- Red (42%)
- Yellow (66%)
- Blue (97%)



- Cyan (56%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (58%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CD5F7 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 6CD5F7 by changing the saturation by 10% instead.

 6CD5F7

 6CD5F7

FFFFFF

 4CB9DA

 A9FFFF

 249EBF

 C7FFFF

 0084A3

 E5FFFF

 006B89

 005270

 003B57

 002540

 00062A

 000114

■ 6CD5F7

■ 6CD5F7

■ 53CFF7

■ 85DBF7

■ 3BC9F7

■ 9DE1F7

■ 22C3F7

■ B6E7F7

■ 09BDF7

■ CFEDF7

■ 00BBF7

■ E7F3F7

■ FFF9F7

■ FFFFF7

Harmonies

Analogous

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



66D9DD



6CD5F7



91CDFE

Triad

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



6CD5F7



FFB1D2



C7CC8D

Complementary

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



6CD5F7



F78E6C

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.



E6C28A



6CD5F7



FFB1B3

Square

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



6CD5F7



E6B8EF



FDB898



A3D49F

Rectangle

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



6CD5F7



B0C7FF



FDB898



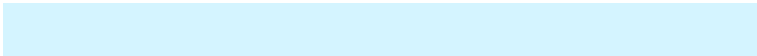
D2C98A

Sweetspot

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



6CD5F7



D4F4FF



6CF78C



667980



000000



808080

Same Dimension

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



6CD5F7



52D5FF



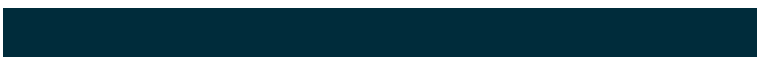
6C91F7



6E777A



008DBA



002C3B

Inverse Universe

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



F76CD5



FF52D5



F7D26C



7A6E77



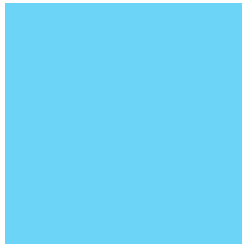
BA008D



3B002C

Previews

White Background



This preview shows how the Hex color 6CD5F7 looks on a white background.

Color Contrast Check

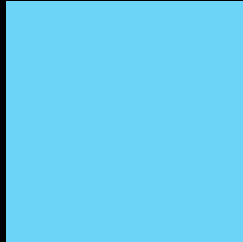
Large Text (above 18pt) WCAG AA × Fail

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 6CD5F7 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 6CD5F7 Background



This preview shows how black text looks on a background with the Hex color 6CD5F7.

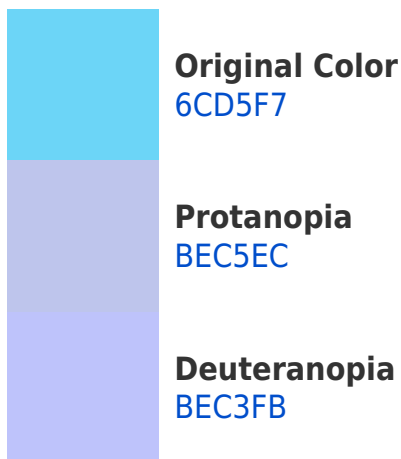


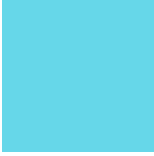
This preview shows how white text looks on a background with the Hex color 6CD5F7.

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](#).

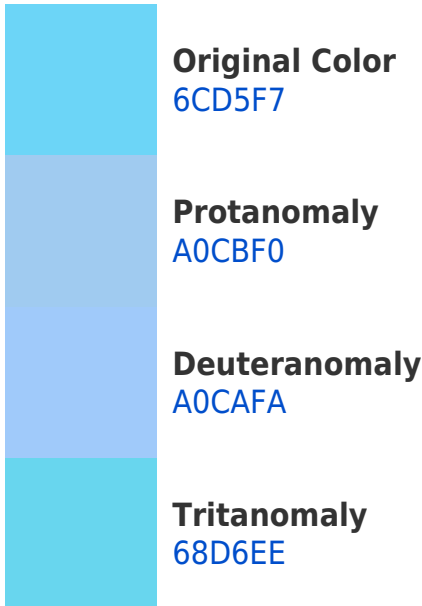
Dichromacy



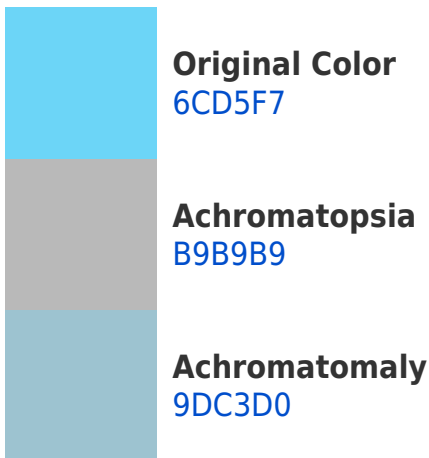


Tritanopia
66D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6CD5F7 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 #6CD5F7 looks like.

```
.text, #text, p{  
    color:#6CD5F7  
}
```

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 #6CD5F7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CD5F7
}
```

Border

The CSS property to change the border of an element to Hex 6CD5F7 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
#6CD5F7 }
```

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

```
.border{ border-color:#6CD5F7 }
```

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

Here you see how a box with a 4 pixel #6CD5F7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CD5F7; -webkit-box-shadow:4px 4px  
4px 4px #6CD5F7; box-shadow:4px 4px 4px  
4px #6CD5F7 }
```

Background

The CSS property to change the background color of an element to Hex 6CD5F7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CD5F7 }
```

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

```
.background{ background-color:#6CD5F7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor