

Converting Colors

Hex(67D5FF)

Have a look what the booklet for
Hex(67D5FF) contains.

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Color

Hex(67D5FF)

Conversions

Conversions Part 1

Format	Color
Hex	67D5FF
RGB	103, 213, 255
RGB Percent	40%, 84%, 100%
CMY	0.5961, 0.1647, 0.0000
CMYK	0.60, 0.16, 0.00, 0.00
HSL	197°, 100%, 70%
HSV	197°, 60%, 100%
XYZ	47.4378, 57.6921, 103.2432
YIQ	184.8980, -79.0420, -10.2580

Conversions

Conversions Part 2

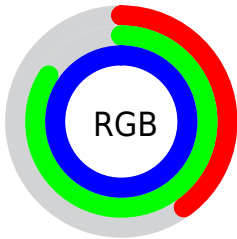
Format	Color
R _Y B	103, 167, 255
Decimal	6804991
CIE Lab	80.57, -19.63, -29.99
CIE LCh	81, 35.842, 236.798
Yxy	57.6921, 0.2277, 0.2769
Android (android.graphics.Color)	4284995071 (0xFF67D5FF)
YUV	184.8980, 34.5603, -71.8245
Hunter-Lab	75.9553, -21.4398, -27.4220

Details

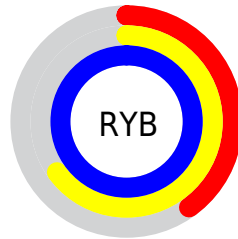
The Hex color **67D5FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FF9167**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A5FFFF**, and **139EC6** is the 20% darker color. If you saturate the color by 10%, you get **4ECEFF**, and if you desaturate by 10%, it is **81DCFF**.

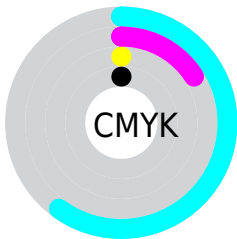
Distribution



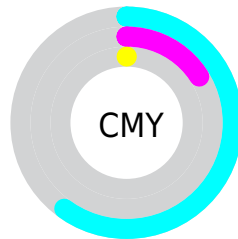
- Red (40%)
- Green (84%)
- Blue (100%)



- Red (40%)
- Yellow (65%)
- Blue (100%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67D5FF 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 67D5FF by changing the saturation by 10% instead.

 67D5FF

 67D5FF

FFFFFF

 45B9E2

 A5FFFF

 139EC6

 C4FFFF

 0084AB

 E2FFFF

 006B90

 005276

 003B5D

 002546

 00082F

 00011A

■ 67D5FF

■ 67D5FF

■ 4ECEFF

■ 81DCFF

■ 34C7FF

■ 9AE3FF

■ 1AC0FF

■ B3EAFF

■ 01B9FF

■ CDF1FF

■ 00B9FF

■ E7F8FF

FFFFFF

Harmonies

Analogous

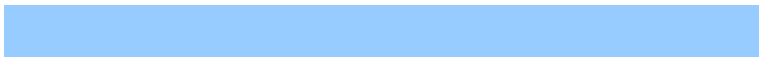
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58DAE5



67D5FF



96CCFF

Triad

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



67D5FF



FFAFCD



C0CF8B

Complementary

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



67D5FF



FF9167

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.



E3C585



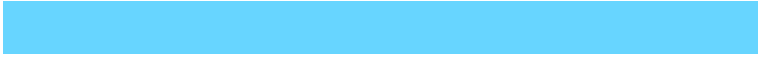
67D5FF



FFB1AB

Square

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



67D5FF



EFB5ED



FDB991



99D6A2

Rectangle

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



67D5FF



B8C5FF



FDB991



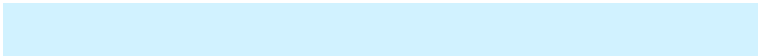
C4CC87

Sweetspot

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



67D5FF



D1F2FF



67FF90



637880



000000



808080

Same Dimension

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



67D5FF



47CCFF



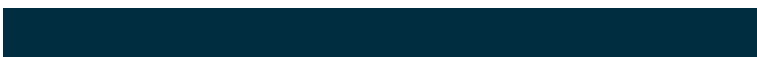
678AFF



737C80



008ABF



002E40

Inverse Universe

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



FF67D5



FF47CC



FFDC67



80737C



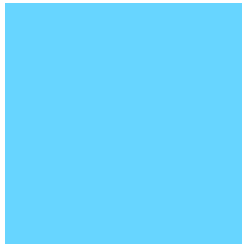
BF008A



40002E

Previews

White Background



This preview shows how the Hex color 67D5FF looks on a white background.

Color Contrast Check

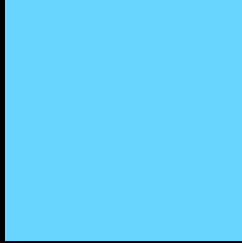
Large Text (above 18pt) WCAG AA × Fail

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 67D5FF 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 67D5FF Background



This preview shows how black text looks on a background with the Hex color 67D5FF.

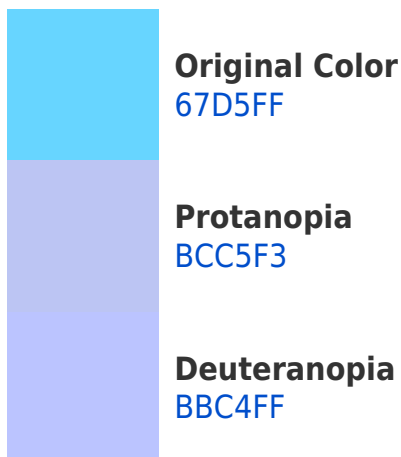


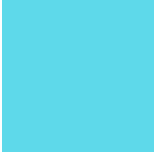
This preview shows how white text looks on a background with the Hex color 67D5FF.

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](#).

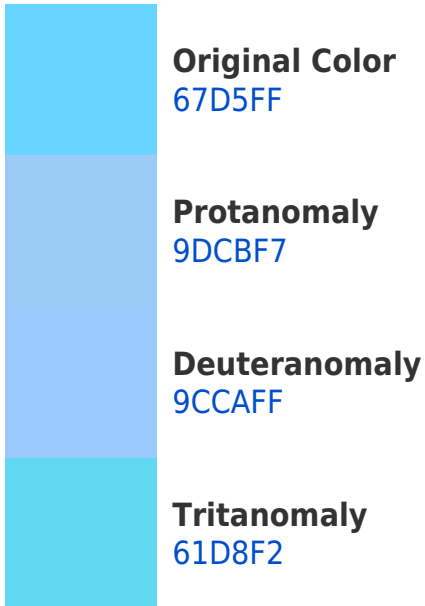
Dichromacy



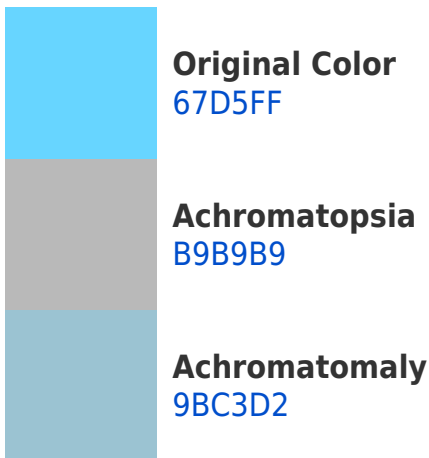


Tritanopia
5ED9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67D5FF 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 #67D5FF looks like.

```
.text, #text, p{  
    color:#67D5FF  
}
```

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 #67D5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67D5FF
}
```

Border

The CSS property to change the border of an element to Hex 67D5FF 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
#67D5FF }
```

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

```
.border{ border-color:#67D5FF }
```

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

Here you see how a box with a 4 pixel #67D5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67D5FF; -webkit-box-shadow:4px 4px  
4px 4px #67D5FF; box-shadow:4px 4px 4px  
4px #67D5FF }
```

Background

The CSS property to change the background color of an element to Hex 67D5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67D5FF }
```

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

```
.background{ background-color:#67D5FF }
```

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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