

Converting Colors

Hex(67BDFF)

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

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Color

Hex(67BDFF)

Conversions

Conversions Part 1

Format	Color
Hex	67BDFF
RGB	103, 189, 255
RGB Percent	40%, 74%, 100%
CMY	0.5961, 0.2588, 0.0000
CMYK	0.60, 0.26, 0.00, 0.00
HSL	206°, 100%, 70%
HSV	206°, 60%, 100%
XYZ	41.8411, 46.4988, 101.3776
YIQ	170.8100, -72.4420, 2.2940

Conversions

Conversions Part 2

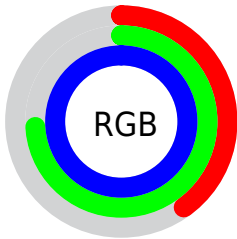
Format	Color
RYB	103, 158, 255
Decimal	6798847
CIELab	73.87, -7.00, -40.35
CIELCh	74, 40.953, 260.151
Yxy	46.4988, 0.2205, 0.2451
Android (android.graphics.Color)	4284988927 (0xFF67BDFF)
YUV	170.8100, 41.5057, -59.4694
Hunter-Lab	68.1900, -9.8056, -40.4131

Details

The Hex color **67BDFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA967**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A4F5FF**, and **1888C6** is the 20% darker color. If you saturate the color by 10%, you get **4EB2FF**, and if you desaturate by 10%, it is **81C8FF**.

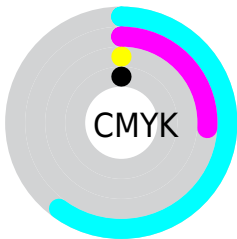
Distribution



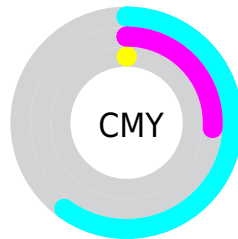
- Red (40%)
- Green (74%)
- Blue (100%)



- Red (40%)
- Yellow (62%)
- Blue (100%)



- Cyan (60%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 67BDFF

 67BDFF

FFFFFF

 46A2E2

 A4F5FF

 1888C6

 C3FFFF

 006FAA

 E1FFFF

 005690

 004076

 002A5D

 001645

 00042E

 000118

■ 67BDFF

■ 67BDFF

■ 4EB2FF

■ 81C8FF

■ 34A7FF

■ 9AD3FF

■ 1A9CFF

■ B3DEFF

■ 0191FF

■ CDE9FF

■ 0090FF

■ E7F4FF

FFFFFF

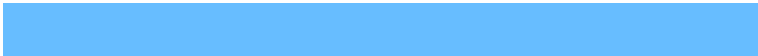
Harmonies

Analogous

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



12C6EE



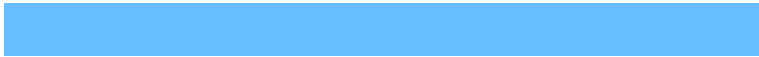
67BDFE



A7B0FC

Triad

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



67BDFE



FF999E



89C484

Complementary

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



67BDFE



FFA967

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.



B5BB6E



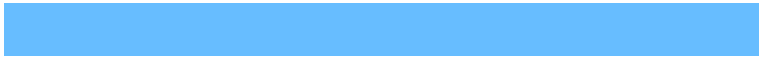
67BDFF



F4A27D

Square

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



67BDFE



F699C4



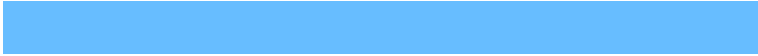
D9AF6B



57C9A7

Rectangle

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



67BDFE



CAA7EF



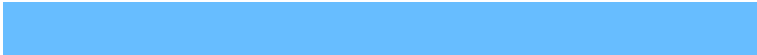
D9AF6B



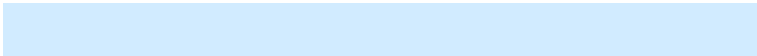
98C27B

Sweetspot

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



67BDFF



D1EBFF



67FFA9



637380



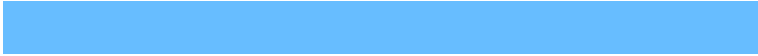
000000



808080

Same Dimension

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



67BDFE



47AFFF



6771FF



737A80



006CBF



002440

Inverse Universe

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



FF67BD



FF47AF



FFF567



80737A



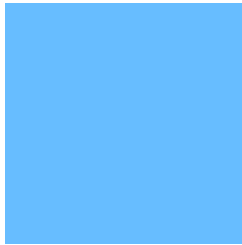
BF006C



400024

Previews

White Background



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

Color Contrast Check

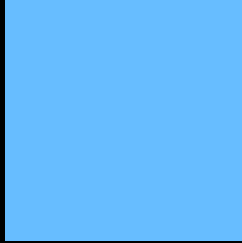
Large Text (above 18pt) WCAG AA × Fail

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 67BDFE 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

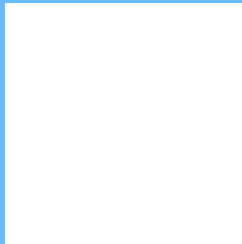
Any Text WCAG AAA ✓ Pass

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

Hex 67BDFF Background



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

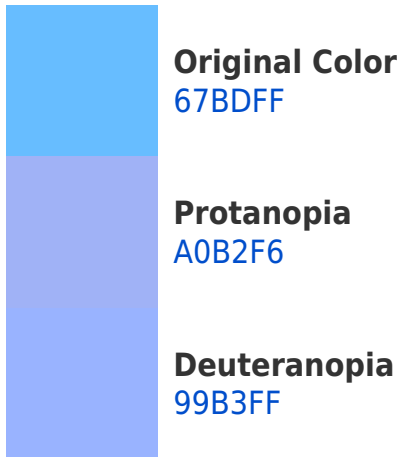


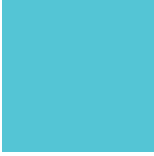
This preview shows how white text looks on a background with the Hex color 67BDFF.

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](#).

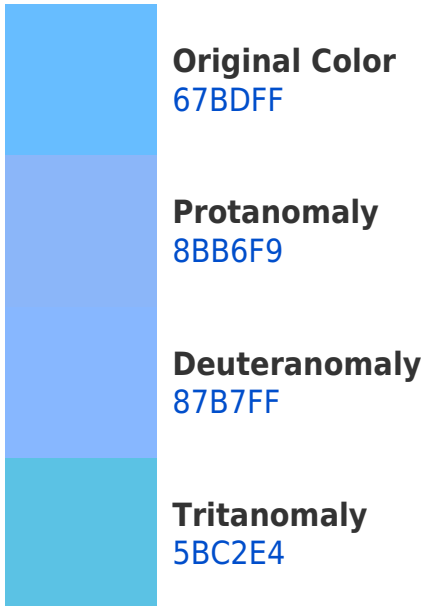
Dichromacy



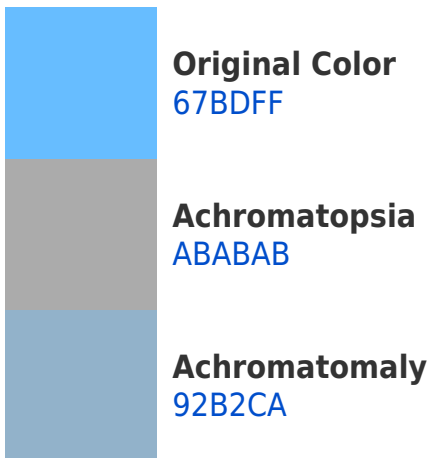


Tritanopia
54C5D5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #67BDFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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