

Converting Colors

Hex(66BCFF)

Have a look what the booklet for
Hex(66BCFF) contains.

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Color

Hex(66BCFF)

Conversions

Conversions Part 1

Format	Color
Hex	66BCFF
RGB	102, 188, 255
RGB Percent	40%, 74%, 100%
CMY	0.6000, 0.2627, 0.0000
CMYK	0.60, 0.26, 0.00, 0.00
HSL	206°, 100%, 70%
HSV	206°, 60%, 100%
XYZ	41.5127, 46.0112, 101.3008
YIQ	169.9240, -72.7630, 2.6050

Conversions

Conversions Part 2

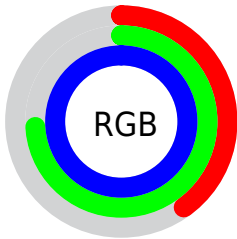
Format	Color
RYB	102, 157, 255
Decimal	6733055
CIELab	73.55, -6.64, -40.84
CIELCh	74, 41.381, 260.761
Yxy	46.0112, 0.2198, 0.2437
Android (android.graphics.Color)	4284923135 (0xFF66BCFF)
YUV	169.9240, 41.9425, -59.5693
Hunter-Lab	67.8316, -9.4638, -41.0626

Details

The Hex color **66BCFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA966**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A4F4FF**, and **1587C6** is the 20% darker color. If you saturate the color by 10%, you get **4DB1FF**, and if you desaturate by 10%, it is **80C7FF**.

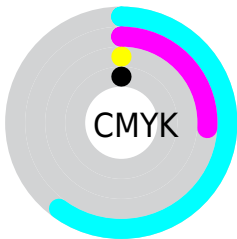
Distribution



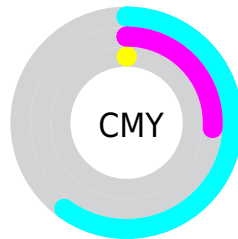
- Red (40%)
- Green (74%)
- Blue (100%)



- 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 66BCFF 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 66BCFF by changing the saturation by 10% instead.

 66BCFF

 66BCFF

FFFFFF

 44A1E2


 A4F4FF

 1587C6

 C2FFFF

 006EAA

 E0FFFF

 005690

 003F76

 00295D

 001545

 00042E

 000118

 66BCFF

 66BCFF

 4DB1FF

 80C7FF

 33A6FF

 99D2FF

 199BFF

 B3DEFF

 008FFF

 CCE9FF

 E6F4FF

FFFFFF

Harmonies

Analogous

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



03C5EE



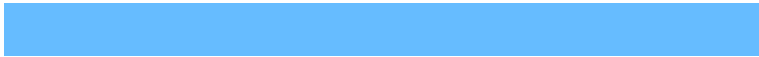
66BCFF



A8AFFC

Triad

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



66BCFF



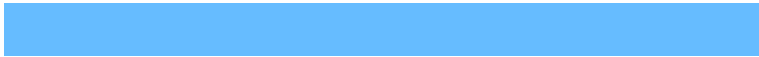
FE989C



87C383

Complementary

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



66BCFF



FFA966

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.



B3BB6C



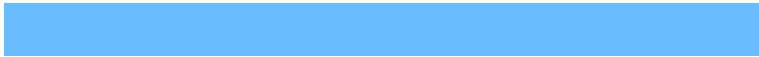
66BCFF



F3A17B

Square

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



66BCFF



F698C2



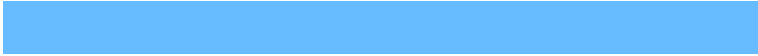
D8AE69



53C8A7

Rectangle

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



66BCFF



CBA6EE



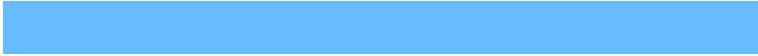
D8AE69



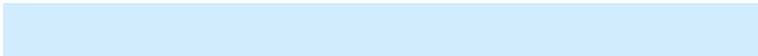
96C17A

Sweetspot

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



66BCFF



D1EBFF



66FFA8



637380



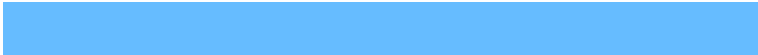
000000



808080

Same Dimension

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



66BCFF



47AFFF



6670FF



737A80



006CBF



002440

Inverse Universe

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



FF66BC



FF47AF



FFF566



80737A



BF006B



400024

Previews

White Background



This preview shows how the Hex color 66BCFF looks on a white background.

Color Contrast Check

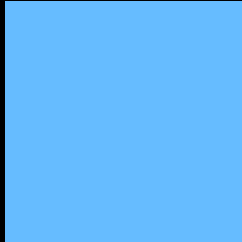
Large Text (above 18pt) WCAG AA × Fail

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 66BCFF 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

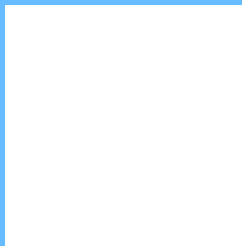
Any Text WCAG AAA ✓ Pass

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

Hex 66BCFF Background



This preview shows how black text looks on a background with the Hex color 66BCFF.

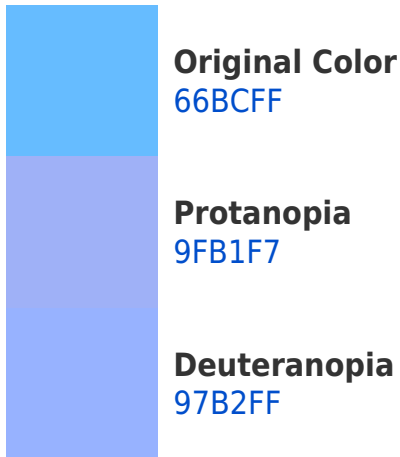


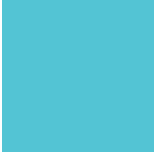
This preview shows how white text looks on a background with the Hex color 66BCFF.

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](#).

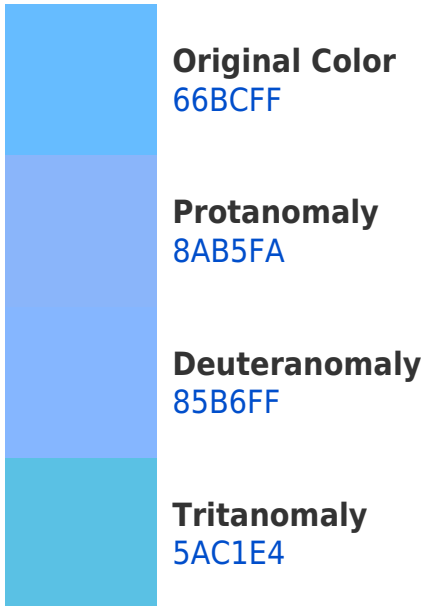
Dichromacy



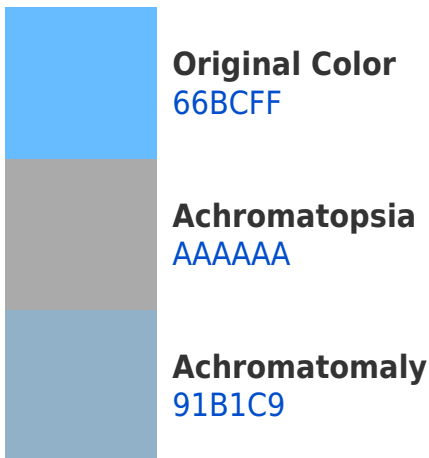


Tritanopia
53C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BCFF 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 #66BCFF looks like.

```
.text, #text, p{  
    color:#66BCFF  
}
```

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 #66BCFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BCFF
}
```

Border

The CSS property to change the border of an element to Hex 66BCFF 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
#66BCFF }
```

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

```
.border{ border-color:#66BCFF }
```

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

Here you see how a box with a 4 pixel #66BCFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BCFF; -webkit-box-shadow:4px 4px  
4px 4px #66BCFF; box-shadow:4px 4px 4px  
4px #66BCFF }
```

Background

The CSS property to change the background color of an element to Hex 66BCFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BCFF }
```

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

```
.background{ background-color:#66BCFF }
```

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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