

Converting Colors

Hex(66DCFF)

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

Hex(66DCFF)	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(66DCFF)

Conversions

Conversions Part 1

Format	Color
Hex	66DCFF
RGB	102, 220, 255
RGB Percent	40%, 86%, 100%
CMY	0.6000, 0.1373, 0.0000
CMYK	0.60, 0.14, 0.00, 0.00
HSL	194°, 100%, 70%
HSV	194°, 60%, 100%
XYZ	49.1227, 61.2312, 103.8375
YIQ	188.7080, -81.5630, -14.1310

Conversions

Conversions Part 2

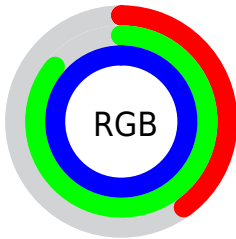
Format	Color
RYB	102, 169, 255
Decimal	6741247
CIELab	82.50, -23.33, -27.03
CIElCh	83, 35.704, 229.203
Yxy	61.2312, 0.2293, 0.2859
Android (android.graphics.Color)	4284931327 (0xFF66DCFF)
YUV	188.7080, 32.6820, -76.0429
Hunter-Lab	78.2504, -24.8824, -23.9020

Details

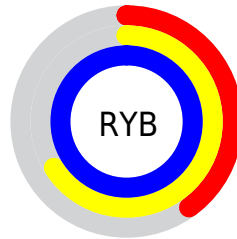
The Hex color **66DCFF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8966**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A5FFFF**, and **0CA5C6** is the 20% darker color. If you saturate the color by 10%, you get **4DD6FF**, and if you desaturate by 10%, it is **80E2FF**.

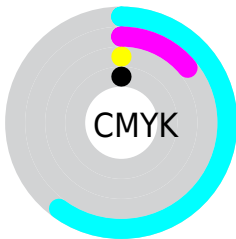
Distribution



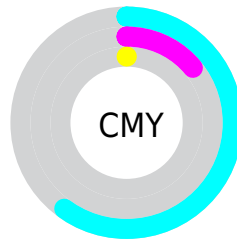
- Red (40%)
- Green (86%)
- Blue (100%)



- Red (40%)
- Yellow (66%)
- Blue (100%)



- Cyan (60%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66DCFF 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 66DCFF by changing the saturation by 10% instead.

 66DCFF

 66DCFF

FFFFFF

 43C0E2

 A5FFFF

 0CA5C6

 C3FFFF

 008AAB

 E2FFFF

 007190

 005876

 00405E

 002A46

 00132F

 00011A

■ 66DCFF

■ 66DCFF

■ 4DD6FF

■ 80E2FF

■ 33D0FF

■ 99E8FF

■ 19CBFF

■ B3EEFF

■ 00C5FF

■ CCF3FF

■ E6F9FF

FFFFFF

Harmonies

Analogous

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



63E0E2



66DCFF



8FD4FF

Triad

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



66DCFF



FFB5DB



CFD28D

Complementary

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



66DCFF



FF8966

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.



F0C78C



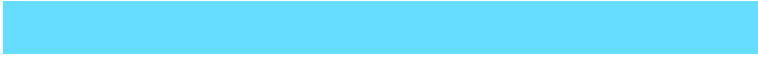
66DCFF



FFB5B9

Square

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



66DCFF



ECBDF9



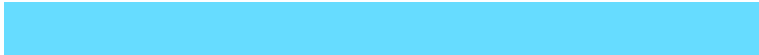
FFBC9C



A8DAA1

Rectangle

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



66DCFF



B0CDFF



FFBC9C



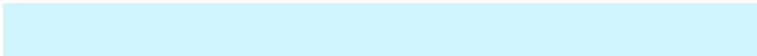
DACF8B

Sweetspot

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



66DCFF



D1F5FF



66FF87



637980



000000



808080

Same Dimension

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



66DCFF



47D5FF



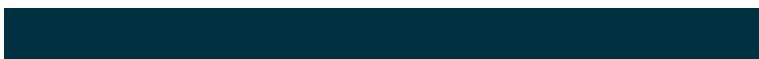
6691FF



737D80



0093BF



003140

Inverse Universe

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



FF66DC



FF47D5



FFD466



80737D



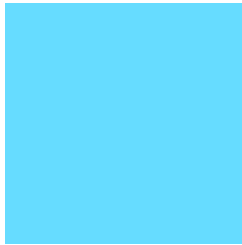
BF0093



400031

Previews

White Background



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

Color Contrast Check

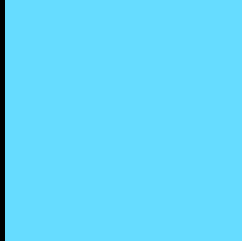
Large Text (above 18pt) WCAG AA × Fail

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 66DCFF 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 66DCFF Background



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

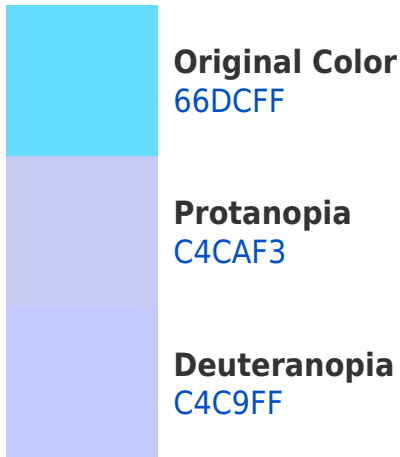


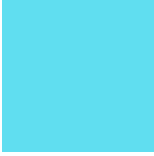
This preview shows how white text looks on a background with the Hex color 66DCFF.

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](#).

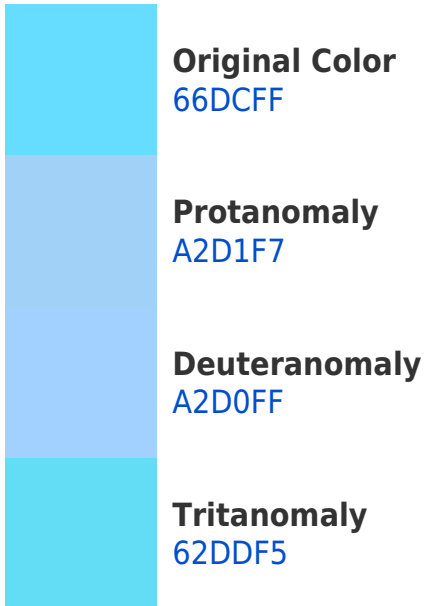
Dichromacy



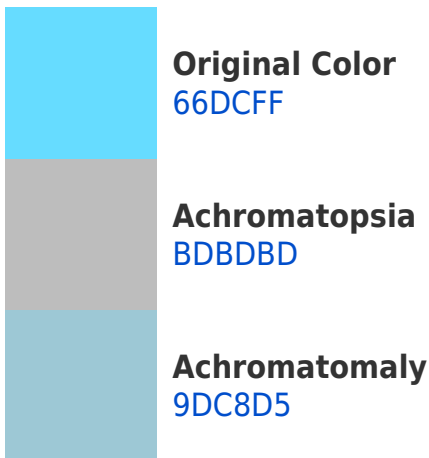


Tritanopia
60DEF0

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #66DCFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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