

Converting Colors

Hex(66D8FF)

Have a look what the booklet for
Hex(66D8FF) contains.

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Color

Hex(66D8FF)

Conversions

Conversions Part 1

Format	Color
Hex	66D8FF
RGB	102, 216, 255
RGB Percent	40%, 85%, 100%
CMY	0.6000, 0.1529, 0.0000
CMYK	0.60, 0.15, 0.00, 0.00
HSL	195°, 100%, 70%
HSV	195°, 60%, 100%
XYZ	48.0854, 59.1565, 103.4917
YIQ	186.3600, -80.4630, -12.0390

Conversions

Conversions Part 2

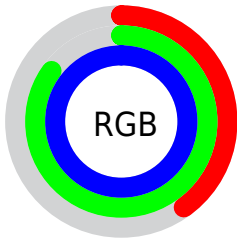
Format	Color
RYB	102, 167, 255
Decimal	6740223
CIELab	81.38, -21.32, -28.75
CIElCh	81, 35.795, 233.438
Yxy	59.1565, 0.2282, 0.2807
Android (android.graphics.Color)	4284930303 (0xFF66D8FF)
YUV	186.3600, 33.8395, -73.9837
Hunter-Lab	76.9133, -23.0019, -25.9392

Details

The Hex color **66D8FF** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **FF8D66**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A5FFFF**, and **0DA1C6** is the 20% darker color. If you saturate the color by 10%, you get **4DD2FF**, and if you desaturate by 10%, it is **80DFFF**.

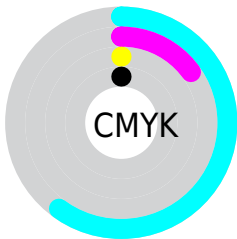
Distribution



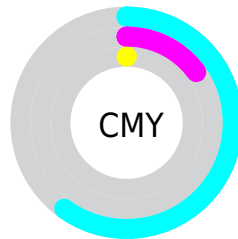
- Red (40%)
- Green (85%)
- Blue (100%)



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



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66D8FF 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 66D8FF by changing the saturation by 10% instead.

 66D8FF

 66D8FF

FFFFFF

 43BCE2

 A5FFFF

 0DA1C6

 C3FFFF

 0087AB

 E2FFFF

 006D90

 005576

 003D5E

 002746

 000D2F

 00011A

■ 66D8FF

■ 66D8FF

■ 4DD2FF

■ 80DFFF

■ 33CBFF

■ 99E5FF

■ 19C5FF

■ B3ECFF

■ 00BEFF

■ CCF2FF

■ E6F9FF

FFFFFF

Harmonies

Analogous

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



5CDCE4



66D8FF



92D0FF

Triad

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



66D8FF



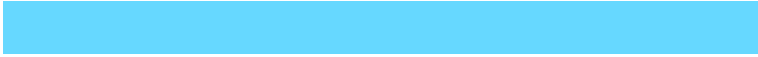
FFB2D3



C6D08C

Complementary

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



66D8FF



FF8D66

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.



E8C688



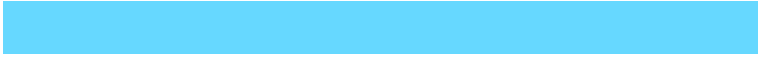
66D8FF



FFB2B1

Square

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



66D8FF



EEB9F3



FFBA96



A0D8A1

Rectangle

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



66D8FF



B4C8FF



FFBA96



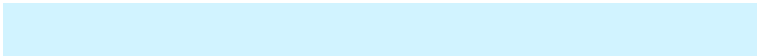
D2CD88

Sweetspot

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



66D8FF



D1F3FF



66FF8C



637880



000000



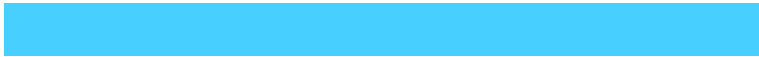
808080

Same Dimension

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



66D8FF



47D0FF



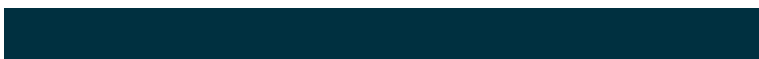
668CFF



737C80



008FBF



003040

Inverse Universe

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



FF66D8



FF47D0



FFD966



80737C



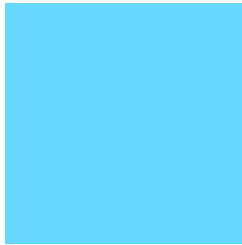
BF008F



400030

Previews

White Background



This preview shows how the Hex color 66D8FF looks on a white background.

Color Contrast Check

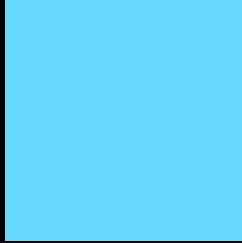
Large Text (above 18pt) WCAG AA × Fail

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 66D8FF 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 66D8FF Background



This preview shows how black text looks on a background with the Hex color 66D8FF.

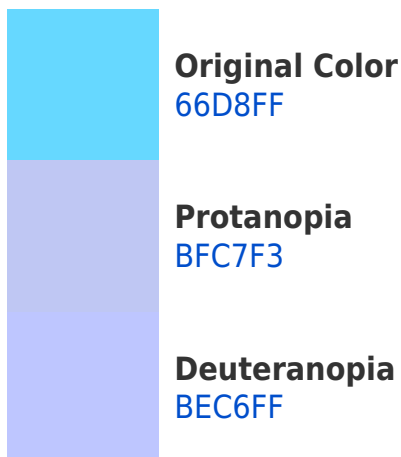


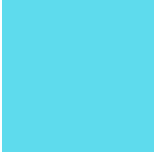
This preview shows how white text looks on a background with the Hex color 66D8FF.

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

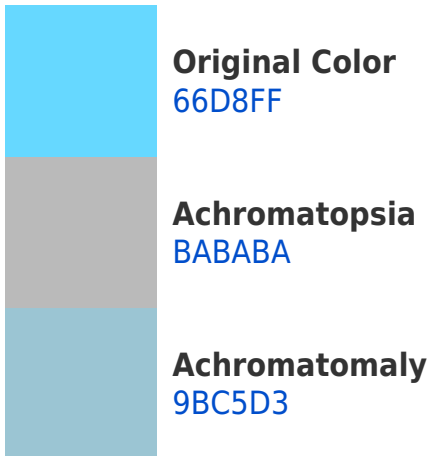




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66D8FF 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 #66D8FF looks like.

```
.text, #text, p{  
    color:#66D8FF  
}
```

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 #66D8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66D8FF
}
```

Border

The CSS property to change the border of an element to Hex 66D8FF 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
#66D8FF }
```

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

```
.border{ border-color:#66D8FF }
```

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

Here you see how a box with a 4 pixel #66D8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66D8FF; -webkit-box-shadow:4px 4px  
4px 4px #66D8FF; box-shadow:4px 4px 4px  
4px #66D8FF }
```

Background

The CSS property to change the background color of an element to Hex 66D8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66D8FF }
```

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

```
.background{ background-color:#66D8FF }
```

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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