

Converting Colors

Hex(80CFF0)

Have a look what the booklet for
Hex(80CFF0) contains.

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Color

Hex(80CFF0)

Conversions

Conversions Part 1

Format	Color
Hex	80CFF0
RGB	128, 207, 240
RGB Percent	50%, 81%, 94%
CMY	0.4980, 0.1882, 0.0588
CMYK	0.47, 0.14, 0.00, 0.06
HSL	198°, 79%, 72%
HSV	198°, 47%, 94%
XYZ	46.9431, 55.5061, 90.6777
YIQ	187.1410, -57.6770, -6.4850

Conversions

Conversions Part 2

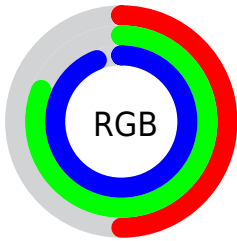
Format	Color
R _Y B	128, 174, 240
Decimal	8441840
CIE Lab	79.33, -15.69, -23.80
CIE LCh	79, 28.505, 236.615
Yxy	55.5061, 0.2431, 0.2874
Android (android.graphics.Color)	4286631920 (0xFF80CFF0)
YUV	187.1410, 26.0595, -51.8667
Hunter-Lab	74.5024, -17.9085, -20.0108

Details

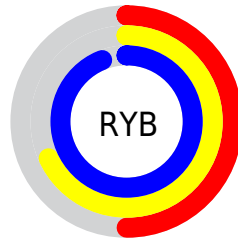
The Hex color **80CFF0** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F0A180**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BAFFFF**, and **4599B8** is the 20% darker color. If you saturate the color by 10%, you get **68C8F0**, and if you desaturate by 10%, it is **98D6F0**.

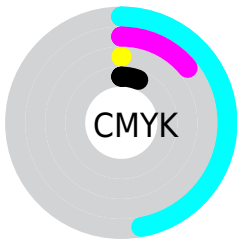
Distribution



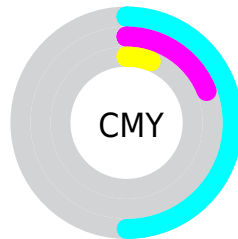
- Red (50%)
- Green (81%)
- Blue (94%)



- Red (50%)
- Yellow (68%)
- Blue (94%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



- Cyan (50%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CFF0 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 80CFF0 by changing the saturation by 10% instead.

 80CFF0

 80CFF0

FFFFFF

 63B3D4

 BAFFFF

 4599B8

 D7FFFF

 227F9D

 F5FFFF

 006683

 004D6A

 003751

 00213A

 000225

 00010D

 80CFF0

 80CFF0

 68C8F0

 98D6F0

 50C1F0

 B0DDF0

 38BAF0

 C8E4F0

 20B3F0

 E0EBF0

 08ACF0

 F8F2F0

 00A9F0

 FFF9F0

 FFFFF0

Harmonies

Analogous

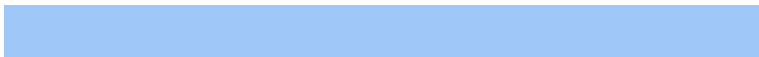
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76D3DB



80CFF0



9FC8F9

Triad

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



80CFF0



F7B1C9



BFCA95

Complementary

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



80CFF0



F0A180

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.



DBC290



80CFF0



FAB3AE

Square

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



80CFF0



E4B6E2



F0B999



A0D0A7

Rectangle

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



80CFF0



B9C2F7



F0B999



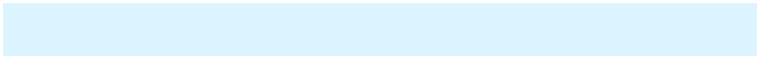
C9C891

Sweetspot

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



80CFF0



DBF4FF



80F0A0



6A7980



000000



808080

Same Dimension

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



80CFF0



70D5FF



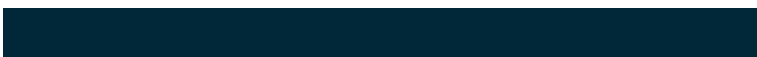
8098F0



6C7478



0082B8



002838

Inverse Universe

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



F080CF



FF70D5



F0D880



786C74



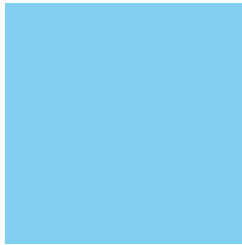
B80082



380028

Previews

White Background



This preview shows how the Hex color 80CFF0 looks on a white background.

Color Contrast Check

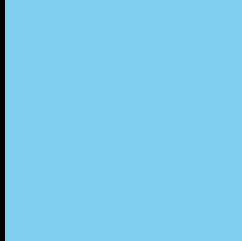
Large Text (above 18pt) WCAG AA × Fail

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 80CFF0 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 80CFF0 Background



This preview shows how black text looks on a background with the Hex color 80CFF0.



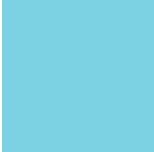
This preview shows how white text looks on a background with the Hex color 80CFF0.

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](#).

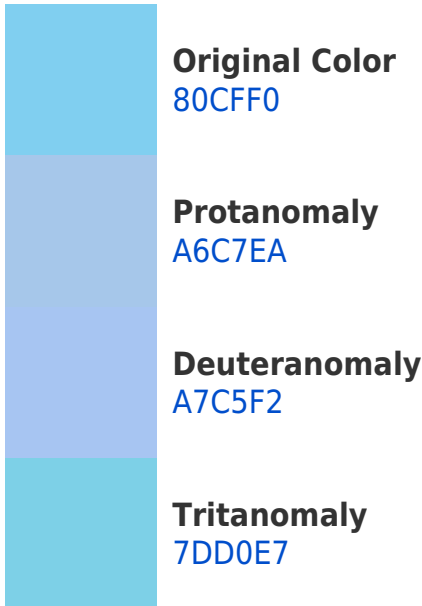
Dichromacy



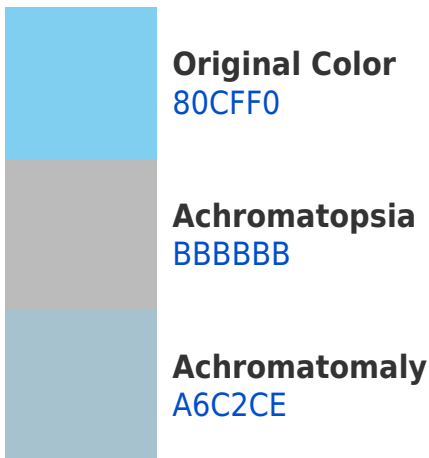


Tritanopia
7CD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CFF0 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 #80CFF0 looks like.

```
.text, #text, p{  
    color:#80CFF0  
}
```

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 #80CFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CFF0
}
```

Border

The CSS property to change the border of an element to Hex 80CFF0 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
#80CFF0 }
```

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

```
.border{ border-color:#80CFF0 }
```

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

Here you see how a box with a 4 pixel #80CFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CFF0; -webkit-box-shadow:4px 4px  
4px 4px #80CFF0; box-shadow:4px 4px 4px  
4px #80CFF0 }
```

Background

The CSS property to change the background color of an element to Hex 80CFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CFF0 }
```

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

```
.background{ background-color:#80CFF0 }
```

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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