

Converting Colors

Hex(80DAFF)

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

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Color

Hex(80DAFF)

Conversions

Conversions Part 1

Format	Color
Hex	80DAFF
RGB	128, 218, 255
RGB Percent	50%, 85%, 100%
CMY	0.4980, 0.1451, 0.0000
CMYK	0.50, 0.15, 0.00, 0.00
HSL	197°, 100%, 75%
HSV	197°, 50%, 100%
XYZ	52.0235, 61.9520, 103.8237
YIQ	195.3080, -65.5170, -7.5730

Conversions

Conversions Part 2

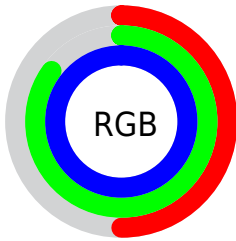
Format	Color
R _Y B	128, 181, 255
Decimal	8444671
CIE Lab	82.89, -17.24, -26.36
CIE LCh	83, 31.495, 236.810
Yxy	61.9520, 0.2389, 0.2844
Android (android.graphics.Color)	4286634751 (0xFF80DAFF)
YUV	195.3080, 29.4282, -59.0291
Hunter-Lab	78.7096, -19.7613, -23.1112

Details

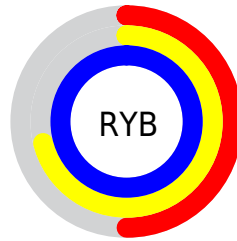
The Hex color **80DAFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA580**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **BBFFFF**, and **42A3C6** is the 20% darker color. If you saturate the color by 10%, you get **67D3FF**, and if you desaturate by 10%, it is **9AE1FF**.

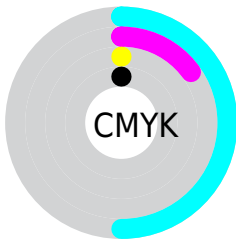
Distribution



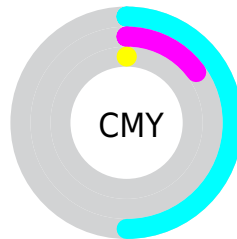
- Red (50%)
- Green (85%)
- Blue (100%)



- Red (50%)
- Yellow (71%)
- Blue (100%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80DAFF

 80DAFF

FFFFFF

 62BEE2


 BBFFFF

 42A3C6

 D9FFFF

 1989AB

 F7FFFF

 006F90

 005776

 003F5E

 002946

 00142F

 00011A

 80DAFF

 80DAFF

 67D3FF

 9AE1FF

 4DCBFF

 B3E9FF

 33C4FF

 CDF0FF

 1ABCFF

 E6F8FF

 00B5FF

 FFFFFFFF

Harmonies

Analogous

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



74DEE8



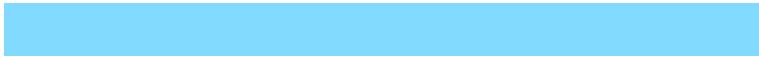
80DAFF



A4D2FF

Triad

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



80DAFF



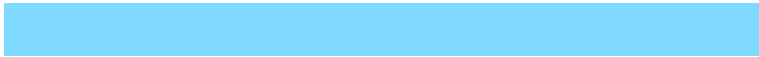
FFB9D3



C8D599

Complementary

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



80DAFF



FFA580

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.



E7CB93



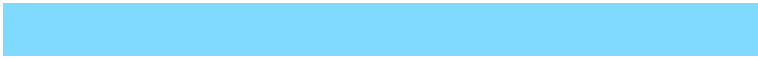
80DAFF



FFBAB5

Square

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



80DAFF



F1BEEF



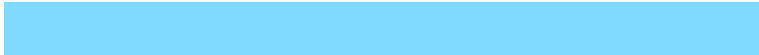
FEC29E



A6DBAD

Rectangle

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



80DAFF



C1CBFF



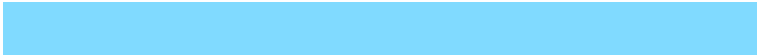
FEC29E



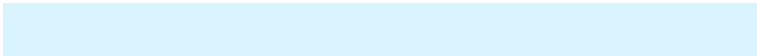
D3D295

Sweetspot

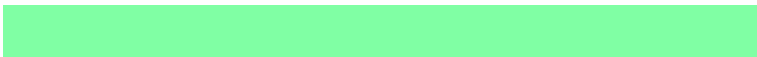
The Sweet Spot groups the original color and five complimentary colors.



80DAFF



D9F4FF



80FFA4



697980



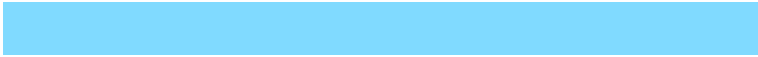
000000



808080

Same Dimension

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



80DAFF



66D2FF



809CFF



737C80



0088BF



002D40

Inverse Universe

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



FF80DA



FF66D2



FFE380



80737C



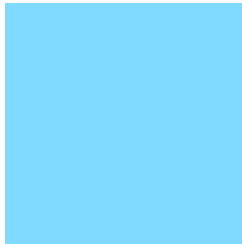
BF0088



40002D

Previews

White Background



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

Color Contrast Check

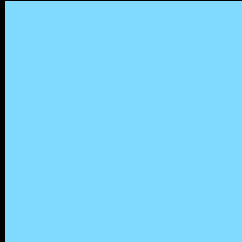
Large Text (above 18pt) WCAG AA × Fail

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 80DAFF 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 80DAFF Background



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

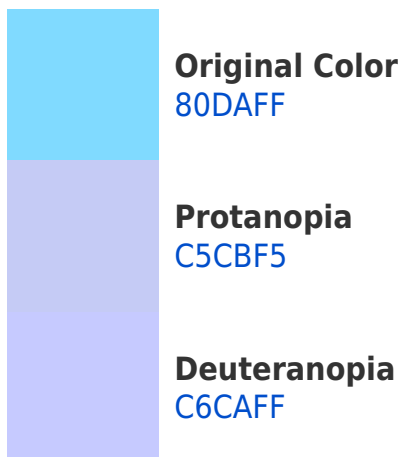


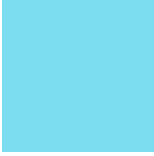
This preview shows how white text looks on a background with the Hex color 80DAFF.

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](#).

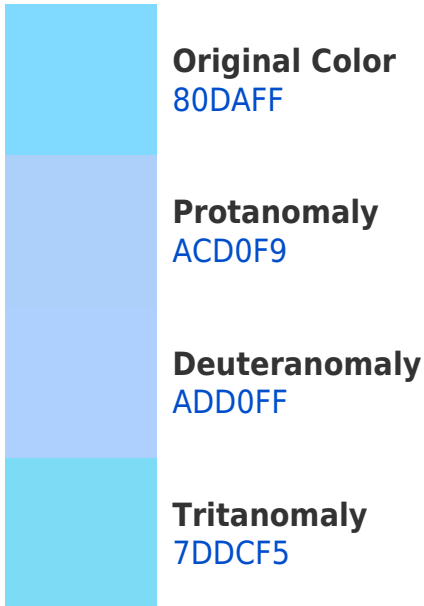
Dichromacy



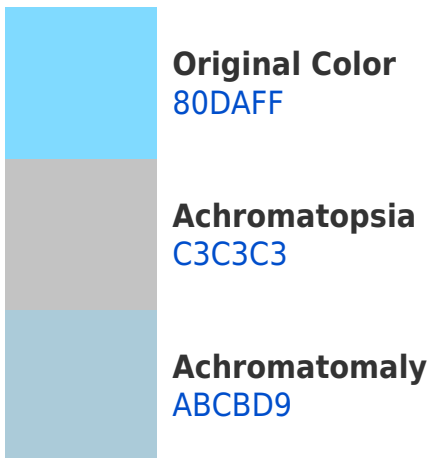


Tritanopia
7BDDEF

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80DAFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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