

Converting Colors

Hex(80AFFF)

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

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Color

Hex(80AFFF)

Conversions

Conversions Part 1

Format	Color
Hex	80AFFF
RGB	128, 175, 255
RGB Percent	50%, 69%, 100%
CMY	0.4980, 0.3137, 0.0000
CMYK	0.50, 0.31, 0.00, 0.00
HSL	218°, 100%, 75%
HSV	218°, 50%, 100%
XYZ	42.2821, 42.4691, 100.5766
YIQ	170.0670, -53.6920, 14.9160

Conversions

Conversions Part 2

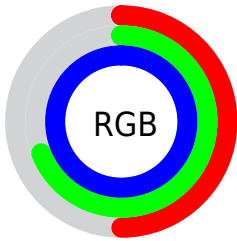
Format	Color
RYB	128, 162, 255
Decimal	8433663
CIELab	71.19, 5.86, -44.45
CIElCh	71, 44.830, 277.506
Yxy	42.4691, 0.2281, 0.2292
Android (android.graphics.Color)	4286623743 (0xFF80AFFF)
YUV	170.0670, 41.8720, -36.8928
Hunter-Lab	65.1684, 1.7685, -45.8865

Details

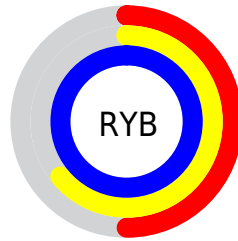
The Hex color **80AFFF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FFD080**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **BAE6FF**, and **447BC6** is the 20% darker color. If you saturate the color by 10%, you get **679FFF**, and if you desaturate by 10%, it is **9ABFFF**.

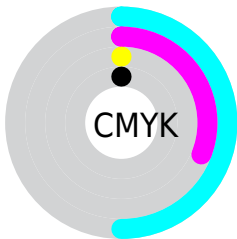
Distribution



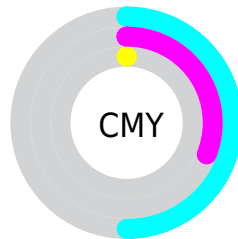
- Red (50%)
- Green (69%)
- Blue (100%)



- Red (50%)
- Yellow (64%)
- Blue (100%)



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80AFFF

 80AFFF

FFFFFF

 6395E2

 BAE6FF

 447BC6

 D8FFFF

 1E62AA

 F6FFFF

 004B8F

 003575

 00205C

 000744

 00032D

 000118

■ 80AFFF

■ 80AFFF

■ 679FFF

■ 9ABFFF

■ 4D8FFF

■ B3CFFF

■ 337FFF

■ CDDFFF

■ 1A6FFF

■ E6EFFF

■ 005FFF

FFFFFF

■ 005EFF

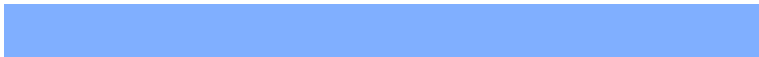
Harmonies

Analogous

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



11BBF9



80AFFF



C0A0EF

Triad

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



80AFFF



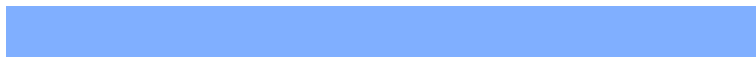
F8947F



5DC18E

Complementary

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



80AFFF



FFD080

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.



92BA6C



80AFFF



E1A163

Square

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



80AFFF



FC8DA5



BEAF5B



00C4B8

Rectangle

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



80AFFF



DE96DB



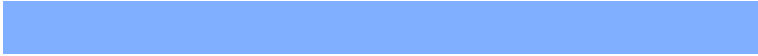
BEAF5B



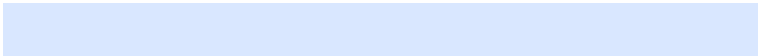
70BF81

Sweetspot

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



80AFFF



D9E7FF



80FFCE



697180



000000



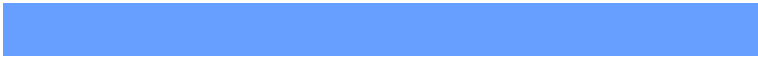
808080

Same Dimension

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



80AFFF



669FFF



8F80FF



737780



0047BF



001840

Inverse Universe

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



FF80AF



FF669F



F0FF80



807377



BF0047



400018

Previews

White Background



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

Color Contrast Check

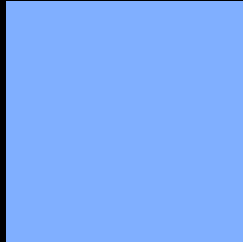
Large Text (above 18pt) WCAG AA × Fail

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 80AFFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

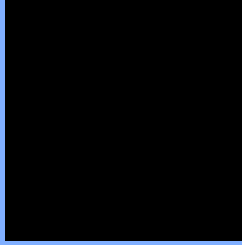
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

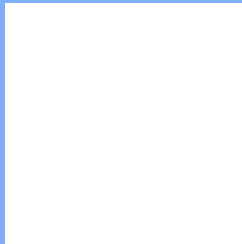
Any Text WCAG AAA ✓ Pass

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

Hex 80AFFE Background



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



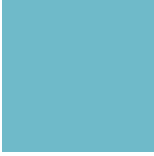
This preview shows how white text looks on a background with the Hex color 80AFFE.

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](#).

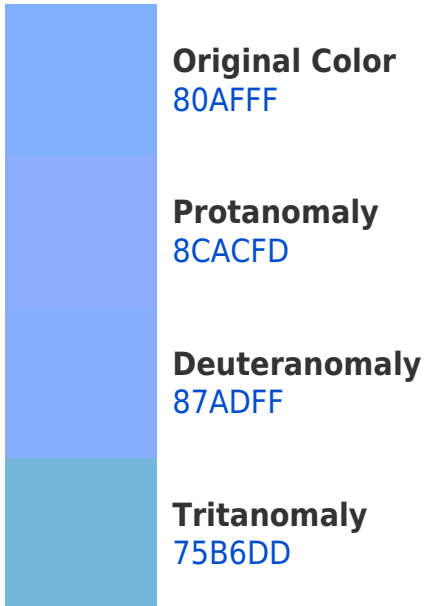
Dichromacy



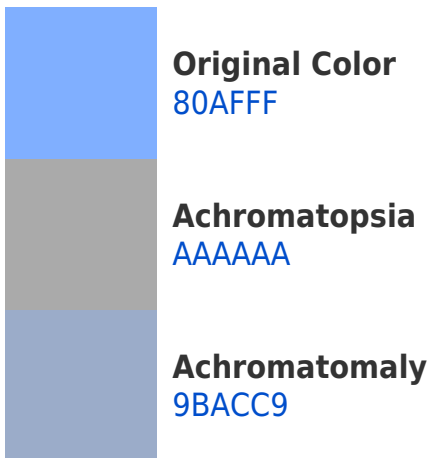


Tritanopia
6FBAC9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80AFFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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