

Converting Colors

Hex(80ABFC)

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

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Color

Hex(80ABFC)

Conversions

Conversions Part 1

Format	Color
Hex	80ABFC
RGB	128, 171, 252
RGB Percent	50%, 67%, 99%
CMY	0.4980, 0.3294, 0.0118
CMYK	0.49, 0.32, 0.00, 0.01
HSL	219°, 95%, 75%
HSV	219°, 49%, 99%
XYZ	41.0357, 40.7433, 97.7969
YIQ	167.3770, -51.6290, 16.0750

Conversions

Conversions Part 2

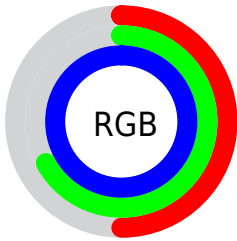
Format	Color
R _Y B	128, 160, 252
Decimal	8432636
CIE Lab	70.00, 7.23, -44.70
CIE LCh	70, 45.280, 279.187
Yxy	40.7433, 0.2285, 0.2269
Android (android.graphics.Color)	4286622716 (0xFF80ABFC)
YUV	167.3770, 41.7191, -34.5336
Hunter-Lab	63.8305, 3.0517, -46.1589

Details

The Hex color **80ABFC** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **FCD180**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **BAE2FF**, and **4477C3** is the 20% darker color. If you saturate the color by 10%, you get **679BFC**, and if you desaturate by 10%, it is **99BBFC**.

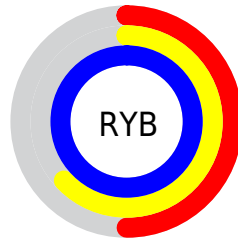
Distribution



Red (50%)

Green (67%)

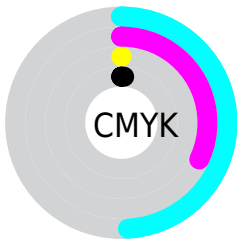
Blue (99%)



Red (50%)

Yellow (63%)

Blue (99%)

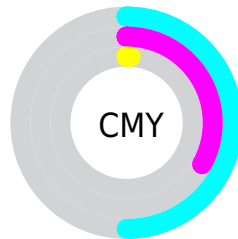


Cyan (49%)

Magenta (32%)

Yellow (0%)

Black (1%)



Cyan (50%)

Magenta (33%)

Yellow (1%)

Brightness & Saturation Gradients

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

 80ABFC

 80ABFC

FFFFFF

 6391DF

 BAE2FF

 4477C3

 D8FFFF

 205FA7

 F5FFFF

 00478D

 003273

 001E5A

 000142

 00032B

 000115

■ 80ABFC

■ 80ABFC

■ 679BFC

■ 99BBFC

■ 4E8AFC

■ B2CCFC

■ 347AFC

■ CCDCFC

■ 1B69FC

■ E5EDFC

■ 0259FC

■ FEFDFC

■ 0057FC

■ FFFFC

Harmonies

Analogous

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



08B7F7



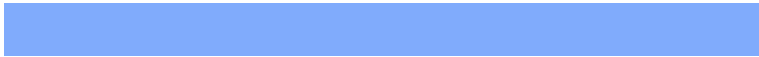
80ABFC



BF9CEB

Triad

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



80ABFC



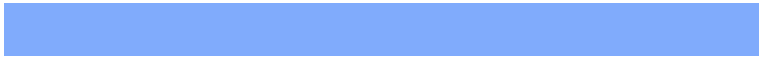
F49179



54BE8C

Complementary

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



80ABFC



FCD180

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.



8CB869



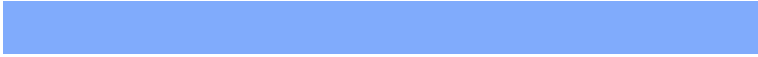
80ABFC



DC9F5E

Square

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



80ABFC



F989A0



B8AD58



00C1B7

Rectangle

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



80ABFC



DD92D6



B8AD58



69BD7F

Sweetspot

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



80ABFC



D9E6FF



80FCD1



697180



000000



808080

Same Dimension

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



80ABFC



699DFF



9380FC



70757D



0041BD



00153D

Inverse Universe

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



FC80AB



FF699D



E9FC80



7D7075



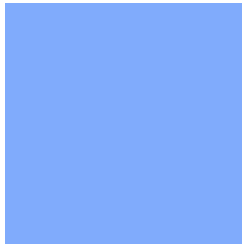
BD0041



3D0015

Previews

White Background



This preview shows how the Hex color 80ABFC 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 80ABFC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

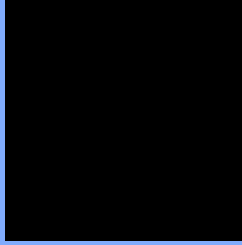
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

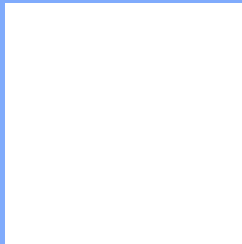
Any Text WCAG AAA ✓ Pass

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

Hex 80ABFC Background



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



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

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](#).

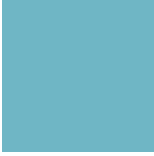
Dichromacy



Original Color
80ABFC

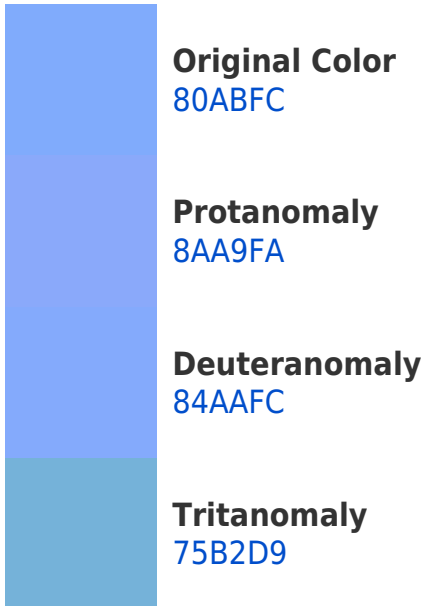
Protanopia
90A8F9

Deuteranopia
87A9FC

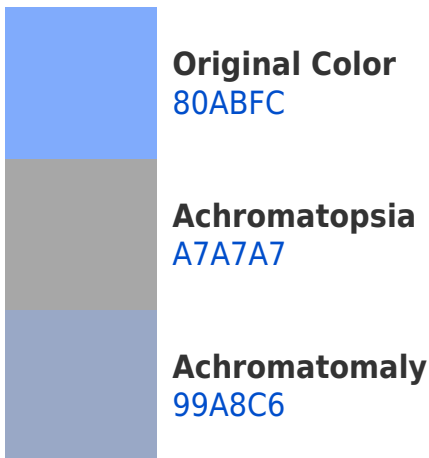


Tritanopia
6FB6C5

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80ABFC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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