

Converting Colors

Hex(80AEF9)

Have a look what the booklet for
Hex(80AEF9) contains.

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Color

Hex(80AEF9)

Conversions

Conversions Part 1

Format	Color
Hex	80AEF9
RGB	128, 174, 249
RGB Percent	50%, 68%, 98%
CMY	0.4980, 0.3176, 0.0235
CMYK	0.49, 0.30, 0.00, 0.02
HSL	217°, 91%, 74%
HSV	217°, 49%, 98%
XYZ	41.1370, 41.7009, 95.5034
YIQ	168.7960, -51.4910, 13.5730

Conversions

Conversions Part 2

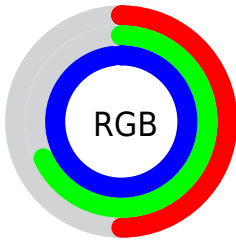
Format	Color
R _Y B	128, 161, 249
Decimal	8433401
CIE Lab	70.66, 4.66, -42.03
CIE LCh	71, 42.284, 276.326
Yxy	41.7009, 0.2307, 0.2338
Android (android.graphics.Color)	4286623481 (0xFF80AEF9)
YUV	168.7960, 39.5406, -35.7781
Hunter-Lab	64.5762, 0.7016, -42.4822

Details

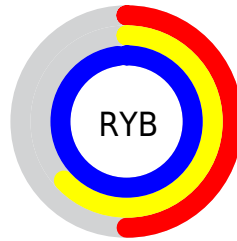
The Hex color **80AEF9** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **F9CB80**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **BAE5FF**, and **457AC0** is the 20% darker color. If you saturate the color by 10%, you get **679FF9**, and if you desaturate by 10%, it is **99BDF9**.

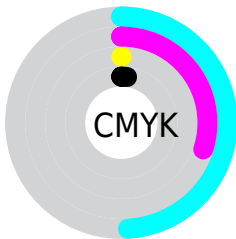
Distribution



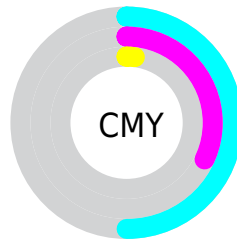
- Red (50%)
- Green (68%)
- Blue (98%)



- Red (50%)
- Yellow (63%)
- Blue (98%)



- Cyan (49%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (32%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80AEF9 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 80AEF9 by changing the saturation by 10% instead.

 80AEF9

 80AEF9

FFFFFF

 6394DC

 BAE5FF

 457AC0

 D7FFFF

 2261A5

 F5FFFF

 004A8A

 003470

 001F57

 000540

 000329

 000113

 80AEF9

 80AEF9

 679FF9

 99BDF9

 4E8FF9

 B2CDF9

 3580F9

 CBDCF9

 1C70F9

 E4ECF9

 0361F9

 FCFBF9

 005FF9

 FFFFF9

Harmonies

Analogous

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



2BB9F3



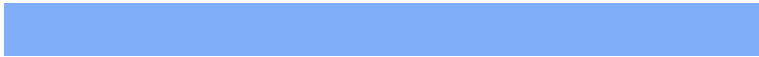
80AEF9



BCA0EB

Triad

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



80AEF9



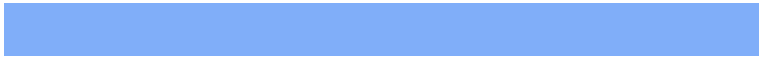
F39481



64BF8D

Complementary

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



80AEF9



F9CB80

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.



94B86D



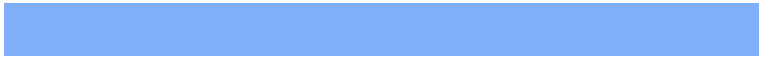
80AEF9



DFA067

Square

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



80AEF9



F68EA6



BDAD5F



17C1B4

Rectangle

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



80AEF9



D997D8



BDAD5F



75BD81

Sweetspot

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



80AEF9



D9E7FF



80F9CB



697180



000000



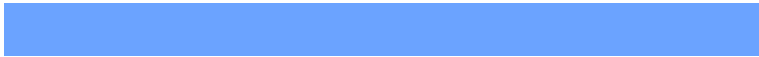
808080

Same Dimension

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



80AEF9



6BA3FF



8E80F9



70757D



0048BD



00173D

Inverse Universe

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



F980AE



FF6BA3



EBF980



7D7075



BD0048



3D0017

Previews

White Background



This preview shows how the Hex color 80AEF9 looks on a white background.

Color Contrast Check

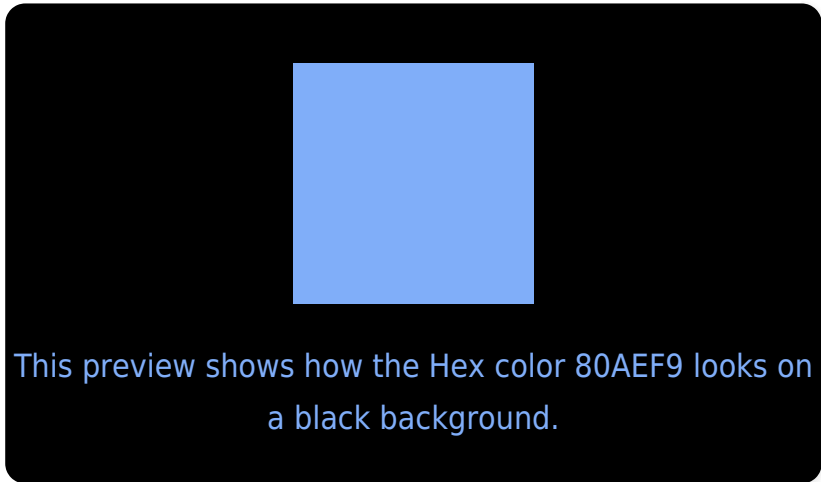
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

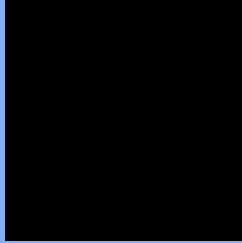
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

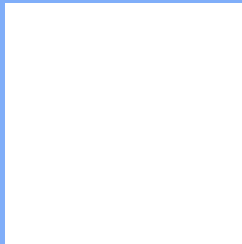
Any Text WCAG AAA ✓ Pass

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

Hex 80AEF9 Background



This preview shows how black text looks on a background with the Hex color 80AEF9.

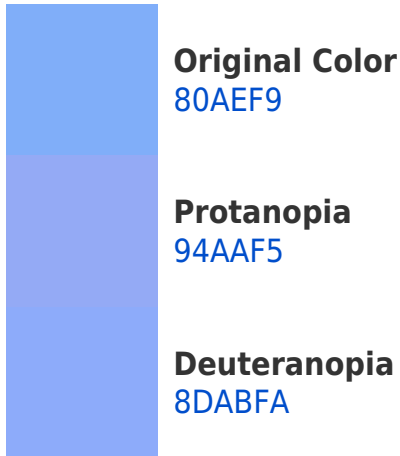


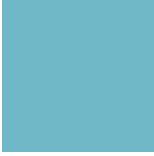
This preview shows how white text looks on a background with the Hex color 80AEF9.

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](#).

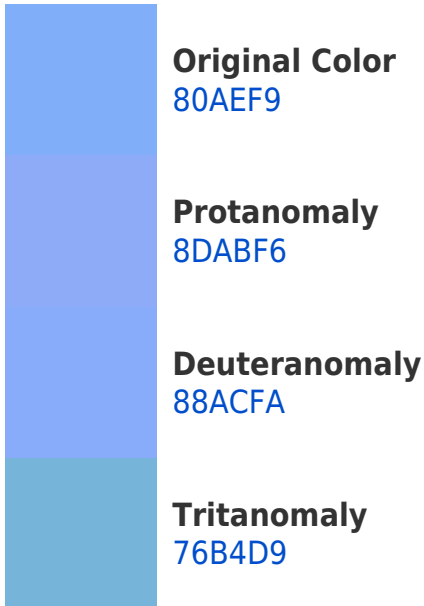
Dichromacy



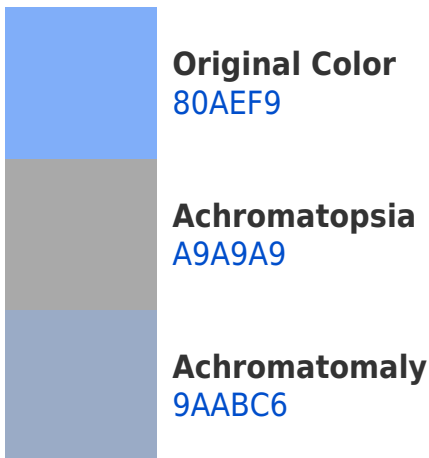


Tritanopia
70B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80AEF9 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 #80AEF9 looks like.

```
.text, #text, p{  
    color:#80AEF9  
}
```

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 #80AEF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80AEF9
}
```

Border

The CSS property to change the border of an element to Hex 80AEF9 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
#80AEF9 }
```

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

```
.border{ border-color:#80AEF9 }
```

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

Here you see how a box with a 4 pixel #80AEF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80AEF9; -webkit-box-shadow:4px 4px  
4px 4px #80AEF9; box-shadow:4px 4px 4px  
4px #80AEF9 }
```

Background

The CSS property to change the background color of an element to Hex 80AEF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80AEF9 }
```

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

```
.background{ background-color:#80AEF9 }
```

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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