

Converting Colors

Hex(80BEF9)

Have a look what the booklet for
Hex(80BEF9) contains.

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Color

Hex(80BEF9)

Conversions

Conversions Part 1

Format	Color
Hex	80BEF9
RGB	128, 190, 249
RGB Percent	50%, 75%, 98%
CMY	0.4980, 0.2549, 0.0235
CMYK	0.49, 0.24, 0.00, 0.02
HSL	209°, 91%, 74%
HSV	209°, 49%, 98%
XYZ	44.4144, 48.2557, 96.5959
YIQ	178.1880, -55.8910, 5.2050

Conversions

Conversions Part 2

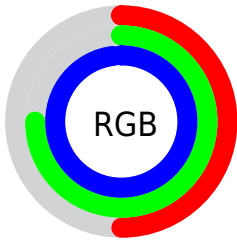
Format	Color
R _Y B	128, 169, 249
Decimal	8437497
CIE Lab	74.99, -4.18, -35.30
CIE LCh	75, 35.549, 263.247
Yxy	48.2557, 0.2347, 0.2550
Android (android.graphics.Color)	4286627577 (0xFF80BEF9)
YUV	178.1880, 34.9103, -44.0149
Hunter-Lab	69.4663, -7.4391, -33.8189

Details

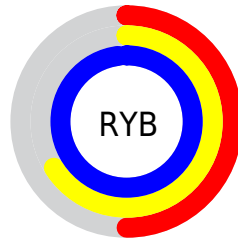
The Hex color **80BEF9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F9BB80**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **BAF6FF**, and **4589C0** is the 20% darker color. If you saturate the color by 10%, you get **67B2F9**, and if you desaturate by 10%, it is **99CAF9**.

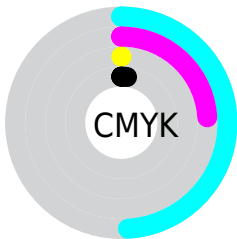
Distribution



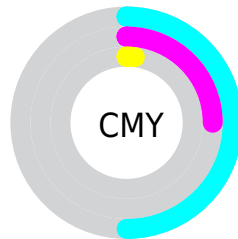
- Red (50%)
- Green (75%)
- Blue (98%)



- Red (50%)
- Yellow (66%)
- Blue (98%)



- Cyan (49%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (50%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80BEF9 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 80BEF9 by changing the saturation by 10% instead.

 80BEF9

 80BEF9

FFFFFF

 63A3DC

 BAF6FF

 4589C0

 D7FFFF

 2170A5

 F5FFFF

 00578A

 004071

 002B58

 001740

 00032A

 000114

 80BEF9

 80BEF9

 67B2F9

 99CAF9

 4EA6F9

 B2D6F9

 359AF9

 CBE2F9

 1C8DF9

 E4EFF9

 0381F9

 FCFBF9

 0080F9

 FFFFF9

Harmonies

Analogous

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



52C6EC



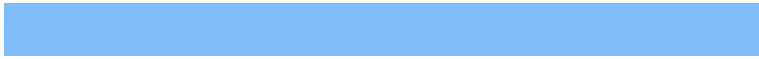
80BEF9



B2B3F5

Triad

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



80BEF9



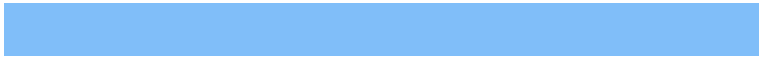
F9A1A0



8FC690

Complementary

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



80BEF9



F9BB80

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.



B5BE7C



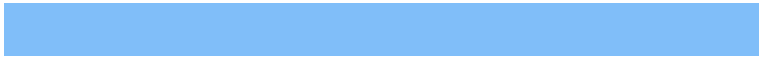
80BEF9



EEA985

Square

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



80BEF9



F3A0C1



D6B478



67CAB0

Rectangle

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



80BEF9



CFABE8



D6B478



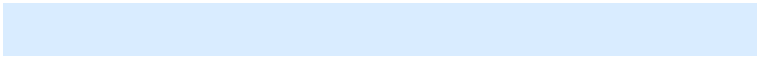
9CC488

Sweetspot

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



80BEF9



D9ECFF



80F9BA



697480



000000



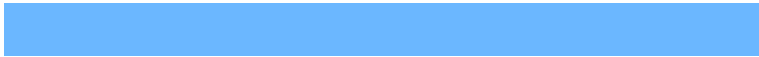
808080

Same Dimension

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



80BEF9



6BB7FF



8082F9



70777D



0061BD



001F3D

Inverse Universe

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



F980BE



FF6BB7



F9F780



7D7077



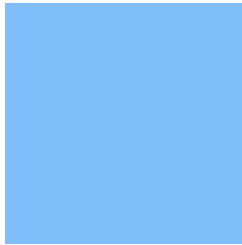
BD0061



3D001F

Previews

White Background



This preview shows how the Hex color 80BEF9 looks on a white background.

Color Contrast Check

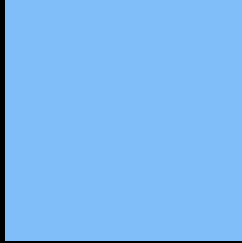
Large Text (above 18pt) WCAG AA × Fail

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 80BEF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

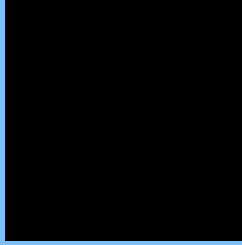
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

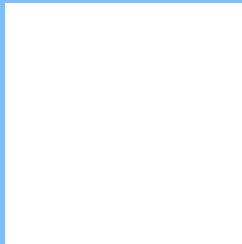
Any Text WCAG AAA ✓ Pass

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

Hex 80BEF9 Background



This preview shows how black text looks on a background with the Hex color 80BEF9.

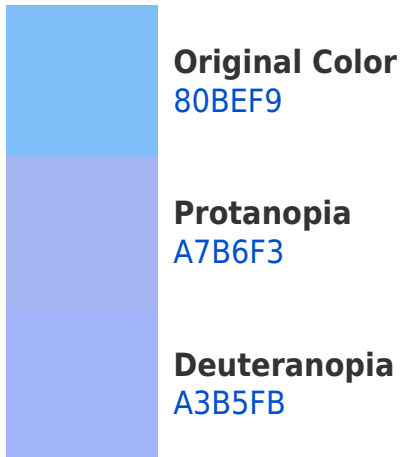


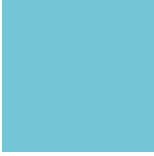
This preview shows how white text looks on a background with the Hex color 80BEF9.

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



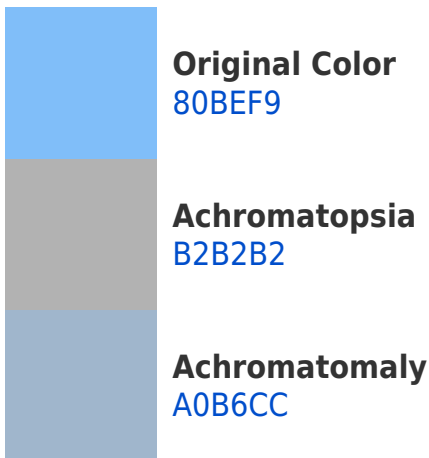


Tritanopia
74C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80BEF9 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 #80BEF9 looks like.

```
.text, #text, p{  
    color:#80BEF9  
}
```

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 #80BEF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80BEF9
}
```

Border

The CSS property to change the border of an element to Hex 80BEF9 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
#80BEF9 }
```

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

```
.border{ border-color:#80BEF9 }
```

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

Here you see how a box with a 4 pixel #80BEF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80BEF9; -webkit-box-shadow:4px 4px  
4px 4px #80BEF9; box-shadow:4px 4px 4px  
4px #80BEF9 }
```

Background

The CSS property to change the background color of an element to Hex 80BEF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80BEF9 }
```

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

```
.background{ background-color:#80BEF9 }
```

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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