

Converting Colors

Hex(80BEFF)

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

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Color

Hex(80BEFF)

Conversions

Conversions Part 1

Format	Color
Hex	80BEFF
RGB	128, 190, 255
RGB Percent	50%, 75%, 100%
CMY	0.4980, 0.2549, 0.0000
CMYK	0.50, 0.25, 0.00, 0.00
HSL	211°, 100%, 75%
HSV	211°, 50%, 100%
XYZ	45.3655, 48.6361, 101.6044
YIQ	178.8720, -57.8170, 7.0710

Conversions

Conversions Part 2

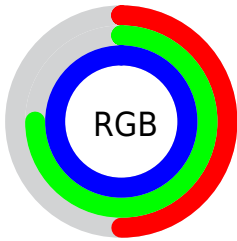
Format	Color
RYB	128, 170, 255
Decimal	8437503
CIELab	75.22, -2.46, -38.16
CIELCh	75, 38.236, 266.314
Yxy	48.6361, 0.2319, 0.2486
Android (android.graphics.Color)	4286627583 (0xFF80BEFF)
YUV	178.8720, 37.5311, -44.6147
Hunter-Lab	69.7396, -5.9302, -37.5626

Details

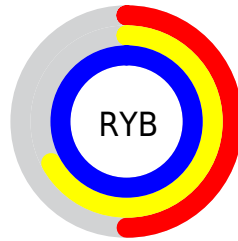
The Hex color **80BEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFC180**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **BAF6FF**, and **4489C6** is the 20% darker color. If you saturate the color by 10%, you get **67B1FF**, and if you desaturate by 10%, it is **9ACBFF**.

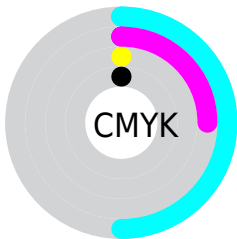
Distribution



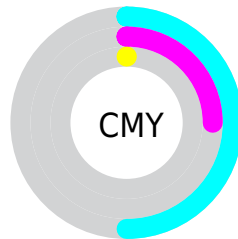
- Red (50%)
- Green (75%)
- Blue (100%)



- Red (50%)
- Yellow (67%)
- Blue (100%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 80BEFF

FFFFFF

 BAF6FF

 D8FFFF

 F6FFFF

 80BEFF

 63A3E2

 4489C6

 1E70AB

 005790

 004076

 002B5D

 001745

 00042E

 000118

 80BEFF

 80BEFF

 67B1FF

 9ACBFF

 4DA4FF

 B3D8FF

 3397FF

 CDE5FF

 1A8AFF

 E6F2FF

 007DFF

FFFFFF

 007CFF

Harmonies

Analogous

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



46C7F3



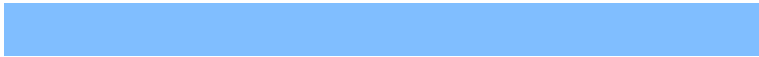
80BEFF



B7B2F8

Triad

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



80BEFF



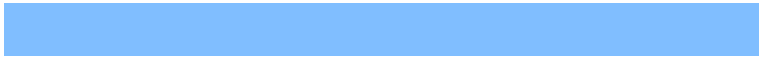
FEA09C



88C891

Complementary

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



80BEFF



FFC180

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.



B1C179



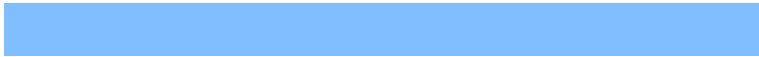
80BEFF



F0A980

Square

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



80BEFF



FA9EBF



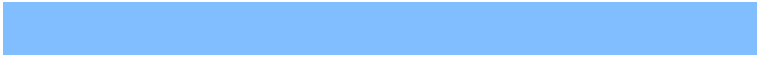
D5B673



5ACCB4

Rectangle

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



80BEFF



D5A9EA



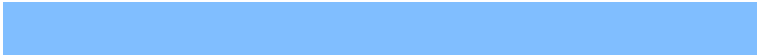
D5B673



96C687

Sweetspot

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



80BEFF



D9EBFF



80FFC0



697480



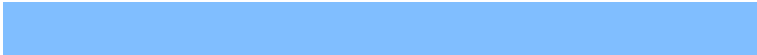
000000



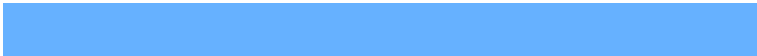
808080

Same Dimension

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



80BEFF



66B1FF



8080FF



737980



005DBF



001F40

Inverse Universe

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



FF80BE



FF66B1



FFFF80



807379



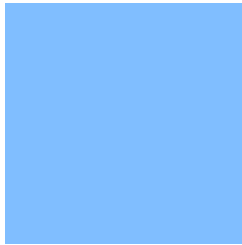
BF005D



40001F

Previews

White Background



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

Color Contrast Check

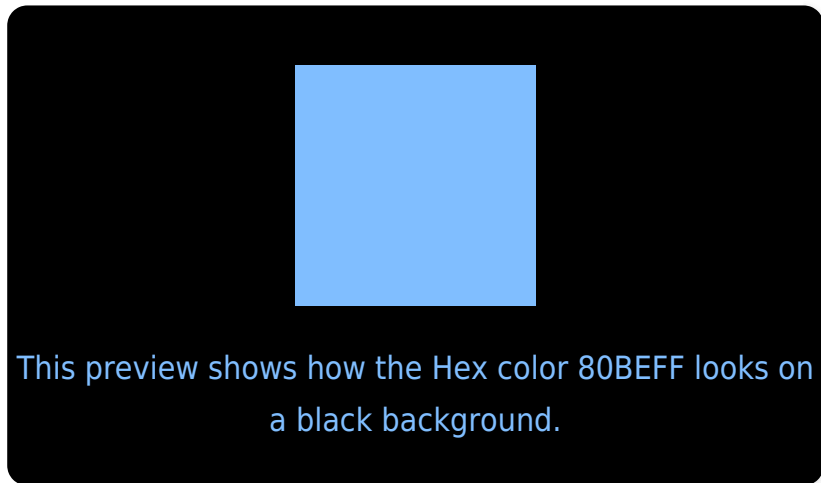
Large Text (above 18pt) WCAG AA × Fail

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

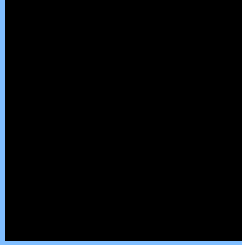
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

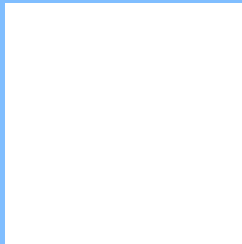
Any Text WCAG AAA ✓ Pass

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

Hex 80BEFF Background



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



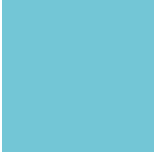
This preview shows how white text looks on a background with the Hex color 80BEFF.

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](#).

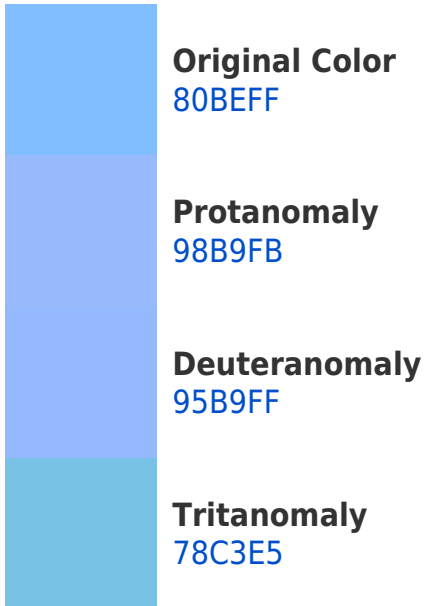
Dichromacy



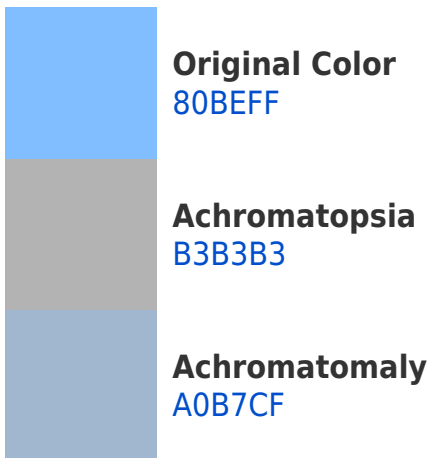


Tritanopia
73C6D6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80BEFF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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