

# Converting Colors

Hex(8BBCF6)

Have a look what the booklet for  
Hex(8BBCF6) contains.

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# **Color**

**Hex(8BBCF6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8BBCF6
RGB	139, 188, 246
RGB Percent	55%, 74%, 96%
CMY	0.4549, 0.2627, 0.0353
CMYK	0.43, 0.24, 0.00, 0.04
HSL	213°, 86%, 75%
HSV	213°, 43%, 96%
XYZ	45.2652, 48.1092, 94.0891
YIQ	179.9610, -47.8220, 7.6500

# Conversions

## Conversions Part 2

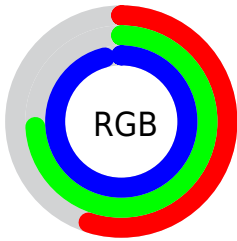
Format	Color
R <sub>Y</sub> B	139, 173, 246
Decimal	9157878
CIE Lab	74.89, -1.32, -33.78
CIE LCh	75, 33.810, 267.760
Yxy	48.1092, 0.2415, 0.2566
Android (android.graphics.Color)	4287347958 (0xFF8BBCF6)
YUV	179.9610, 32.5572, -35.9228
Hunter-Lab	69.3608, -4.8914, -31.8753

# Details

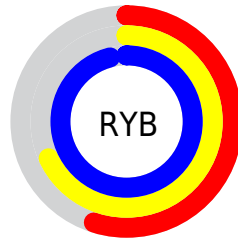
The Hex color **8BBCF6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **F6C58B**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C4F4FF**, and **5287BD** is the 20% darker color. If you saturate the color by 10%, you get **72AFF6**, and if you desaturate by 10%, it is **A4C9F6**.

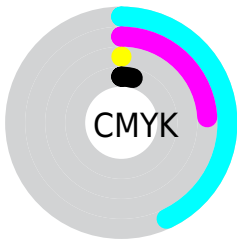
# Distribution



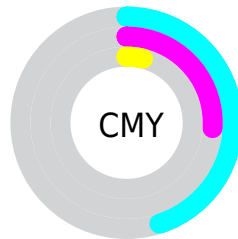
- Red (55%)
- Green (74%)
- Blue (96%)



- Red (55%)
- Yellow (68%)
- Blue (96%)



- Cyan (43%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (26%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BBCF6 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 8BBCF6 by changing the saturation by 10% instead.



 8BBCF6

 8BBCF6

FFFFFF

 6FA1D9

 C4F4FF

 5287BD

 E1FFFF

 356EA2


 0C5688

 003F6E

 002956

 00153E

 000328

 000111

■ 8BBCF6

■ 8BBCF6

■ 72AFF6

■ A4C9F6

■ 5AA1F6

■ BCD7F6

■ 4194F6

■ D5E4F6

■ 2987F6

■ EDF1F6

■ 1079F6

■ FFFF6

■ 0071F6

# Harmonies

## Analogous

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



5FC4EC



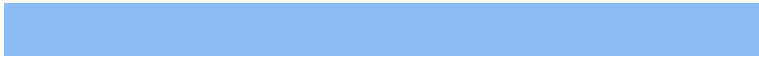
8BBCF6



B9B1EF

# Triad

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



8BBCF6



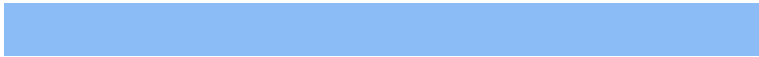
F6A39D



8BC696

# Complementary

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



8BBCF6



F6C58B

# 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.



B0BF80



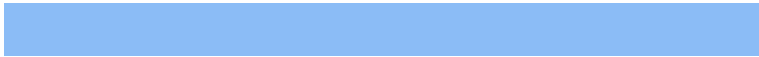
8BBCF6



E9AB85

# Square

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



8BBCF6



F2A1BC



D0B67A



67C9B5

# Rectangle

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



8BBCF6



D3AAE2



D0B67A



98C48E

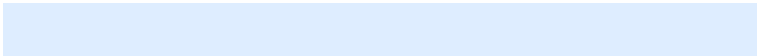


# Sweetspot

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



8BBCF6



DEEDFF



8BF6C4



6B7480



000000

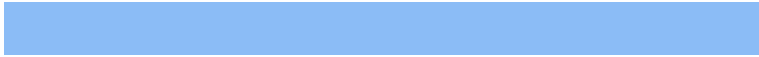


808080

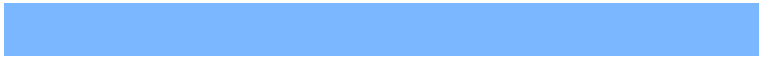


# Same Dimension

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



8BBCF6



7AB7FF



8F8BF6



6E747A



0055BA



001B3B



# Inverse Universe

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



F68BBC



FF7AB7



F2F68B



7A6E74



BA0055

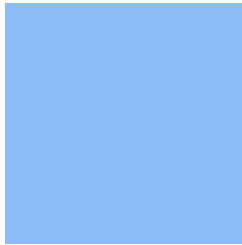


3B001B



# Previews

## White Background



This preview shows how the Hex color 8BBCF6 looks on a white background.

## Color Contrast Check

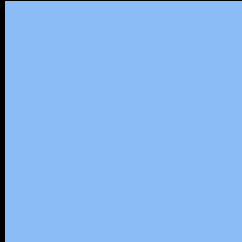
Large Text (above 18pt) WCAG AA × Fail

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 8BBCF6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

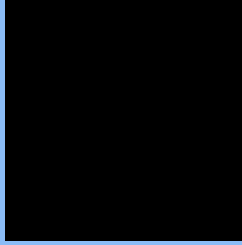
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

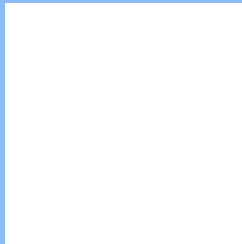
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8BBCF6 Background



This preview shows how black text looks on a background with the Hex color 8BBCF6.

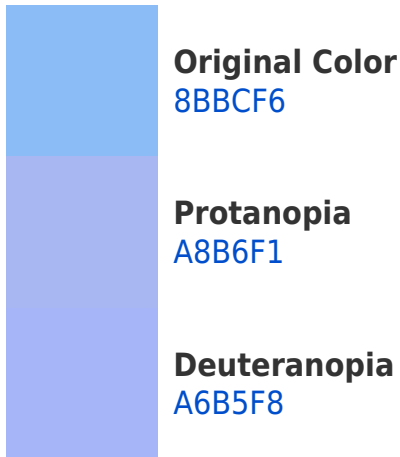


This preview shows how white text looks on a background with the Hex color 8BBCF6.

# 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



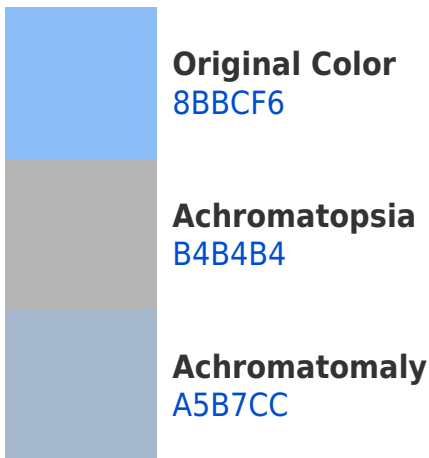


**Tritanopia**  
81C3D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BBCF6 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 #8BBCF6 looks like.

```
.text, #text, p{  
    color:#8BBCF6  
}
```

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 #8BBCF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BBCF6
}
```

## Border

The CSS property to change the border of an element to Hex 8BBCF6 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
#8BBCF6 }
```

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

```
.border{ border-color:#8BBCF6 }
```

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

Here you see how a box with a 4 pixel #8BBCF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BBCF6; -webkit-box-shadow:4px 4px  
4px 4px #8BBCF6; box-shadow:4px 4px 4px  
4px #8BBCF6 }
```

# Background

The CSS property to change the background color of an element to Hex 8BBCF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BBCF6 }
```

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

```
.background{ background-color:#8BBCF6 }
```

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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