

# Converting Colors

Hex(8BCC00)

Have a look what the booklet for  
Hex(8BCC00) contains.

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**Color**

**Hex(8BCC00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BCC00
RGB	139, 204, 0
RGB Percent	55%, 80%, 0%
CMY	0.4549, 0.2000, 1.0000
CMYK	0.32, 0.00, 1.00, 0.20
HSL	79°, 100%, 40%
HSV	79°, 100%, 80%
XYZ	32.2403, 48.6747, 7.6959
YIQ	161.3090, 26.7440, -77.2240

# Conversions

## Conversions Part 2

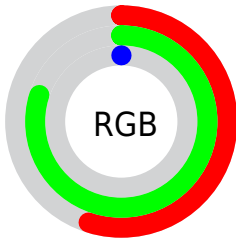
Format	Color
<a href="#">RYB</a>	<a href="#">0, 204, 65</a>
Decimal	<a href="#">9161728</a>
CIELab	<a href="#">75.25, -44.61, 74.63</a>
CIELCh	<a href="#">75, 86.948, 120.867</a>
Yxy	<a href="#">48.6747, 0.3638, 0.5493</a>
Android (android.graphics.Color)	<a href="#">4287351808 (0xFF8BCC00)</a>
YUV	<a href="#">161.3090, -79.5253, -19.5650</a>
Hunter-Lab	<a href="#">69.7673, -39.6056, 42.2969</a>

# Details

The Hex color **8BCC00** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4100CC**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C6FF53**, and **519500** is the 20% darker color. If you saturate the color by 10%, you get **8BCC00**, and if you desaturate by 10%, it is **91CC14**.

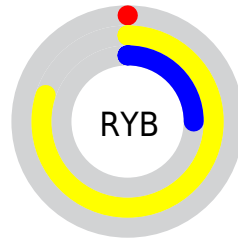
# Distribution



Red (55%)

Green (80%)

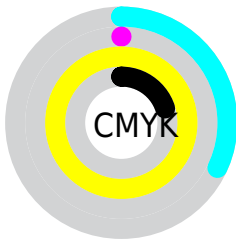
Blue (0%)



Red (0%)

Yellow (80%)

Blue (25%)

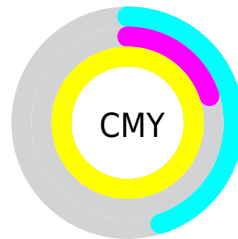


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (45%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BCC00 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 8BCC00 by changing the saturation by 10% instead.



 8BCC00

 8BCC00

FFFFFF

 6EB000

 C6FF53

 519500

 E3FF70

 337B00

 FFFF8D

 086200

 FFFFAA

 004900

 FFFFC7

 003200

 FFFF E4

 001B00

 000000

 8BCC00

 91CC14

 98CC29

 9FCC3D

 A5CC52

 ABCC66

 B2CC7A

 B9CC8F

 BFCCA3

 C6CCB8

# Harmonies

## Analogous

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



DCB700



8BCC00



00D866

# Triad

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



8BCC00



00D5FF



FF61BA

# Complementary

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



8BCC00



4100CC

# 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.



FF7BFF



8BCC00



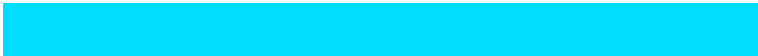
00C2FF

# Square

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



8BCC00



00DDFF



B7A3FF



FF716C

# Rectangle

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



8BCC00



00DC9D



B7A3FF



FF65D5

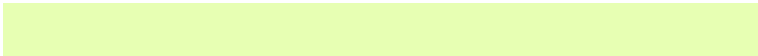


# Sweetspot

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



8BCC00



E7FFB3



CC4100



718052



000000



808080



# Same Dimension

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



8BCC00



AEFF00



25CC00



63665C



71A600



1A2600



# Inverse Universe

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



4100CC



5100FF



A700CC



5F5C66



3500A6



0C0026



# Previews

## White Background



This preview shows how the Hex color 8BCC00 looks on a white background.

## Color Contrast Check

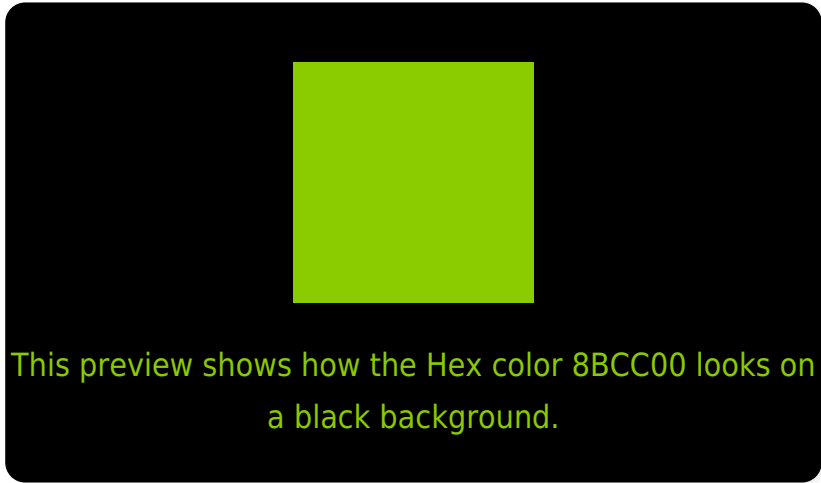
Large Text (above 18pt) WCAG AA × Fail

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 8BCC00 Background



This preview shows how black text looks on a background with the Hex color 8BCC00.

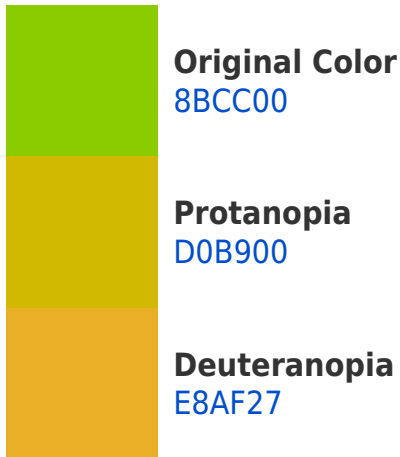


This preview shows how white text looks on a background with the Hex color 8BCC00.

# 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](#).

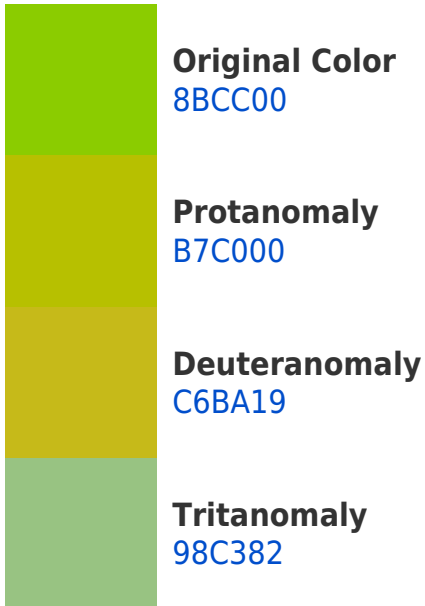
## Dichromacy





**Tritanopia**  
9FBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BCC00 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 #8BCC00 looks like.

```
.text, #text, p{  
    color:#8BCC00  
}
```

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 #8BCC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BCC00
}
```

## Border

The CSS property to change the border of an element to Hex 8BCC00 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
#8BCC00 }
```

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

```
.border{ border-color:#8BCC00 }
```

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

Here you see how a box with a 4 pixel #8BCC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BCC00; -webkit-box-shadow:4px 4px  
4px 4px #8BCC00; box-shadow:4px 4px 4px  
4px #8BCC00 }
```

# Background

The CSS property to change the background color of an element to Hex 8BCC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BCC00 }
```

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

```
.background{ background-color:#8BCC00 }
```

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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