

# Converting Colors

Hex(8BC517)

Have a look what the booklet for  
Hex(8BC517) contains.

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**Color**

**Hex(8BC517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BC517
RGB	139, 197, 23
RGB Percent	55%, 77%, 9%
CMY	0.4549, 0.2275, 0.9098
CMYK	0.29, 0.00, 0.88, 0.23
HSL	80°, 79%, 43%
HSV	80°, 88%, 77%
XYZ	30.7684, 45.4833, 7.9681
YIQ	159.8220, 21.2860, -66.4100

# Conversions

## Conversions Part 2

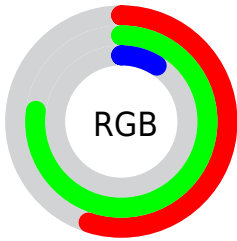
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">23, 197, 81</a>
Decimal	<a href="#">9159959</a>
CIELab	<a href="#">73.21, -41.21, 70.15</a>
CIELCh	<a href="#">73, 81.360, 120.430</a>
Yxy	<a href="#">45.4833, 0.3653, 0.5401</a>
Android (android.graphics.Color)	<a href="#">4287350039 (0xFF8BC517)</a>
YUV	<a href="#">159.8220, -67.4532, -18.2609</a>
Hunter-Lab	<a href="#">67.4413, -36.5863, 40.2039</a>

# Details

The Hex color **8BC517** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **5117C5**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **C5FE59**, and **528F00** is the 20% darker color. If you saturate the color by 10%, you get **84C503**, and if you desaturate by 10%, it is **92C52B**.

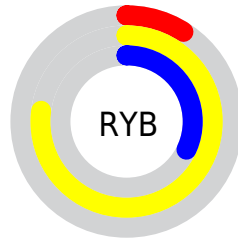
# Distribution



Red (55%)

Green (77%)

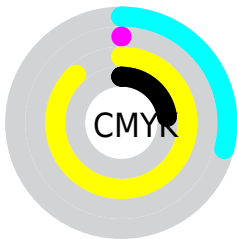
Blue (9%)



Red (9%)

Yellow (77%)

Blue (32%)

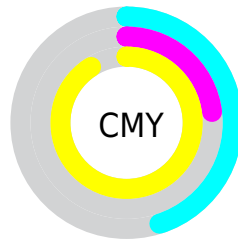


Cyan (29%)

Magenta (0%)

Yellow (88%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BC517 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 8BC517 by changing the saturation by 10% instead.



 8BC517

 8BC517

FFFFFF

 6EAA00


 C5FE59

 528F00

 E3FF76

 357500

 FFFF92

 115C00

 FFFFAF

 004400

 FFFFCC

 002D00

 FFFFEE

 001300

 000000

 8BC517

 8BC517

 84C503

 92C52B

 83C500

 98C53E

 9FC552

 A5C566

 ACC57A

 B2C58D

 B9C5A1

 C0C5B5

 C6C5C8

# Harmonies

## Analogous

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



D6B100



8BC517



00D066

# Triad

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



8BC517



00CEFF



FF64B6

# Complementary

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



8BC517



5117C5

# 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



8BC517



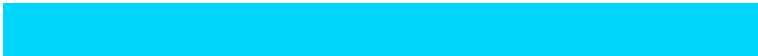
00BCFF

# Square

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



8BC517



00D5FE



B19FFF



FF726D

# Rectangle

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



8BC517



00D499



B19FFF



FF69CF



# Sweetspot

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



8BC517



E9FFBD



C55117



728058



000000



808080



# Same Dimension

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



8BC517



AAFF00



34C517



60635A



6DA300



182400



# Inverse Universe

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



5117C5



5500FF



A817C5



5D5A63



3600A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 8BC517 looks on a white background.

## Color Contrast Check

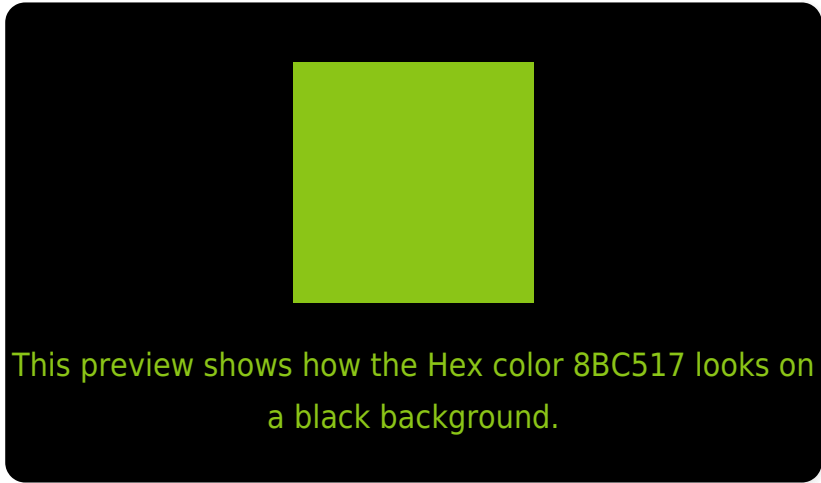
Large Text (above 18pt) WCAG AA × Fail

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 8BC517 Background



This preview shows how black text looks on a background with the Hex color 8BC517.



This preview shows how white text looks on a background with the Hex color 8BC517.

# 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



**Original Color**  
8BC517

**Protanopia**  
CAB310

**Deuteranopia**  
E1AA2B



**Tritanopia**  
9EB7C6

# Trichromacy



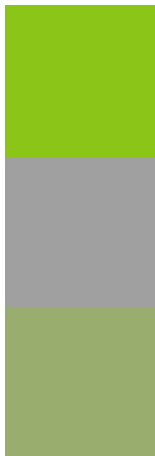
**Original Color**  
8BC517

**Protanomaly**  
B3BA13

**Deuteranomaly**  
C2B424

**Tritanomaly**  
97BC86

# Monochromacy



**Original Color**  
8BC517

**Achromatopsia**  
A0A0A0

**Achromatomaly**  
98AD6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BC517 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 #8BC517 looks like.

```
.text, #text, p{  
    color:#8BC517  
}
```

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 #8BC517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BC517
}
```

## Border

The CSS property to change the border of an element to Hex 8BC517 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
#8BC517 }
```

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

```
.border{ border-color:#8BC517 }
```

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

Here you see how a box with a 4 pixel #8BC517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BC517; -webkit-box-shadow:4px 4px  
4px 4px #8BC517; box-shadow:4px 4px 4px  
4px #8BC517 }
```

# Background

The CSS property to change the background color of an element to Hex 8BC517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BC517 }
```

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

```
.background{ background-color:#8BC517 }
```

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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