

# Converting Colors

Hex(8CBC10)

Have a look what the booklet for  
Hex(8CBC10) contains.

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**Color**

**Hex(8CBC10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CBC10
RGB	140, 188, 16
RGB Percent	55%, 74%, 6%
CMY	0.4510, 0.2627, 0.9373
CMYK	0.26, 0.00, 0.91, 0.26
HSL	77°, 84%, 40%
HSV	77°, 91%, 74%
XYZ	28.8920, 41.5793, 6.9931
YIQ	154.0400, 26.6040, -63.6680

# Conversions

## Conversions Part 2

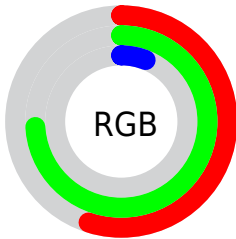
<b>Format</b>	<b>Color</b>
<b>RYB</b>	16, 188, 64
Decimal	9223184
CIELab	70.58, -37.00, 69.18
CIELCh	71, 78.455, 118.139
Yxy	41.5793, 0.3730, 0.5368
Android (android.graphics.Color)	4287413264 (0xFF8CBC10)
YUV	154.0400, -68.0537, -12.3131
Hunter-Lab	64.4820, -32.8644, 38.7074

# Details

The Hex color **8CBC10** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4010BC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **C6F455**, and **548600** is the 20% darker color. If you saturate the color by 10%, you get **88BC00**, and if you desaturate by 10%, it is **91BC23**.

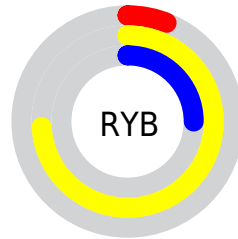
# Distribution



Red (55%)

Green (74%)

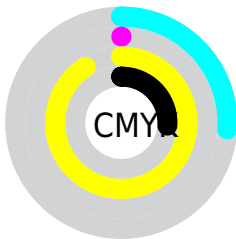
Blue (6%)



Red (6%)

Yellow (74%)

Blue (25%)

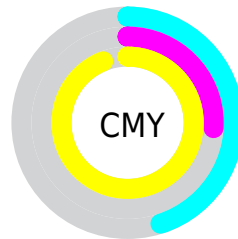


Cyan (26%)

Magenta (0%)

Yellow (91%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CBC10 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 8CBC10 by changing the saturation by 10% instead.



 8CBC10

 8CBC10

FFFFFF

 70A100

 C6F455

 548600

 E3FF71

 386D00

 FFFF8D

 175400

 FFFFAA

 003C00

 FFFFC6

 002700

 FFFF E4

 000400

 000000

 8CBC10

 8CBC10

■ 88BC00

■ 91BC23

■ 96BC36

■ 9CBC48

■ A1BC5B

■ A6BC6E

■ ABBC81

■ B1BC94

■ B6BCA6

■ BBBCB9

# Harmonies

## Analogous

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



D2A800



8CBC10



00C85C

# Triad

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



8CBC10



00C6FF



FF62B4

# Complementary

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



8CBC10



4010BC

# 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.



FE79F9



8CBC10



00B7FF

# Square

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



8CBC10



00CDEE



A19CFF



FF6C6E

# Rectangle

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



8CBC10



00CC8D



A19CFF



FF67CC



# Sweetspot

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



8CBC10



E2F5B3



BC3E10



6F7A53



FAFAFA



7A7A7A



# Same Dimension

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



8CBC10



B0F500



38BC10



5C5E55



729E00



161F00



# Inverse Universe

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



4010BC



4400F5



9410BC



58555E



2C009E



09001F



# Previews

## White Background



This preview shows how the Hex color 8CBC10 looks on a white background.

## Color Contrast Check

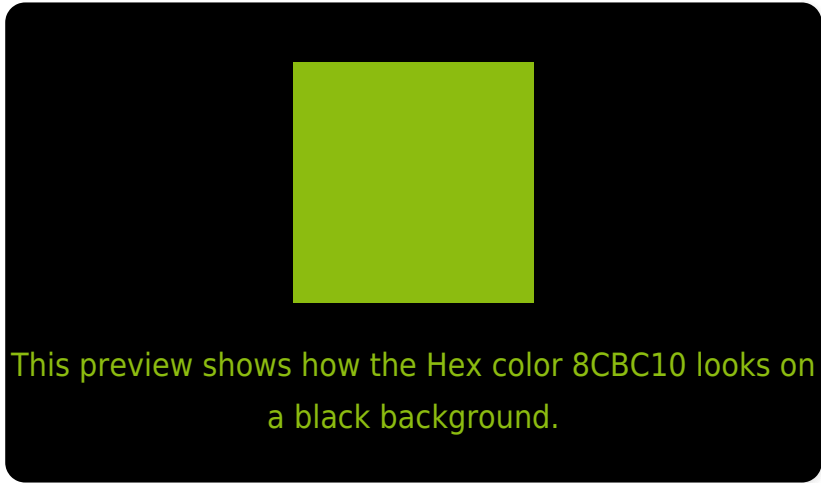
Large Text (above 18pt) WCAG AA × Fail

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 8CBC10 Background



This preview shows how black text looks on a background with the Hex color 8CBC10.

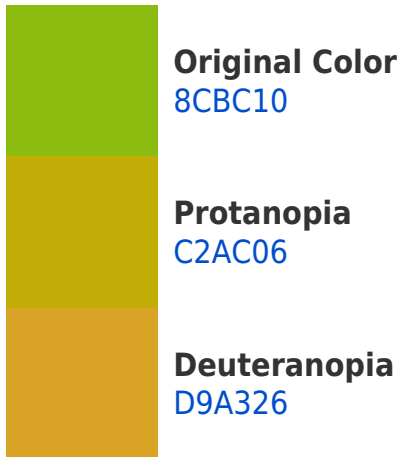


This preview shows how white text looks on a background with the Hex color 8CBC10.

# 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](#).

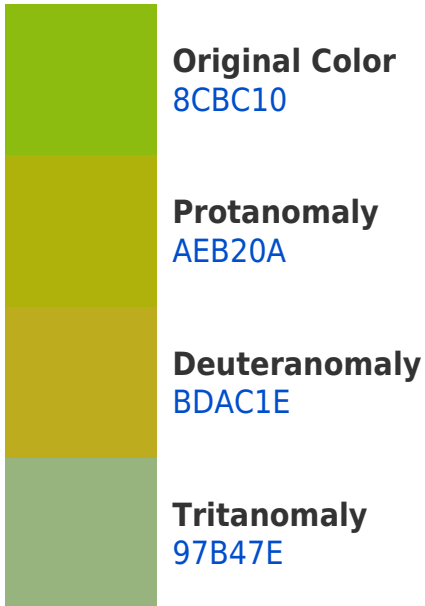
## Dichromacy





**Tritanopia**  
9DAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CBC10 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 #8CBC10 looks like.

```
.text, #text, p{  
    color:#8CBC10  
}
```

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 #8CBC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CBC10
}
```

## Border

The CSS property to change the border of an element to Hex 8CBC10 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
#8CBC10 }
```

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

```
.border{ border-color:#8CBC10 }
```

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

Here you see how a box with a 4 pixel #8CBC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CBC10; -webkit-box-shadow:4px 4px  
4px 4px #8CBC10; box-shadow:4px 4px 4px  
4px #8CBC10 }
```

# Background

The CSS property to change the background color of an element to Hex 8CBC10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CBC10 }
```

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

```
.background{ background-color:#8CBC10 }
```

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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