

# Converting Colors

Hex(8CBE74)

Have a look what the booklet for  
Hex(8CBE74) contains.

|  |    |
|--|----|
| <b>Hex(8CBE74)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(8CBE74)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 8CBE74                      |
| RGB           | 140, 190, 116               |
| RGB Percent   | 55%, 75%, 45%               |
| CMY           | 0.4510, 0.2549, 0.5451      |
| CMYK          | 0.26, 0.00, 0.39, 0.25      |
| HSL           | 101°, 36%, 60%              |
| HSV           | 101°, 39%, 75%              |
| XYZ           | 32.3811, 43.6633, 23.2442   |
| YIQ           | 166.6140, -6.0460, -33.6140 |

# Conversions

## Conversions Part 2

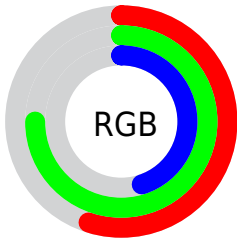
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">116, 190, 166</a>                    |
| Decimal                             | <a href="#">9223796</a>                          |
| CIELab                              | <a href="#">72.00, -30.11, 32.20</a>             |
| CIELCh                              | <a href="#">72, 44.084, 133.083</a>              |
| Yxy                                 | <a href="#">43.6633, 0.3261,<br/>0.4398</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4287413876<br/>(0xFF8CBE74)</a>      |
| YUV                                 | <a href="#">166.6140, -24.9527,<br/>-23.3405</a> |
| Hunter-Lab                          | <a href="#">66.0782, -28.1645,<br/>25.3984</a>   |

# Details

The Hex color **8CBE74** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **A674BE**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C3F7A9**, and **588842** is the 20% darker color. If you saturate the color by 10%, you get **7FBE61**, and if you desaturate by 10%, it is **99BE87**.

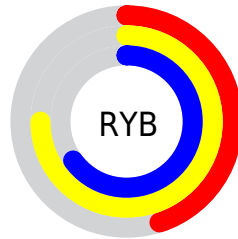
# Distribution



Red (55%)

Green (75%)

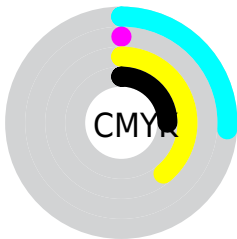
Blue (45%)



Red (45%)

Yellow (75%)

Blue (65%)

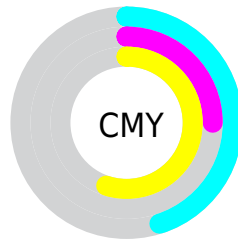


Cyan (26%)

Magenta (0%)

Yellow (39%)

Black (25%)



Cyan (45%)

Magenta (25%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8CBE74 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 8CBE74 by changing the saturation by 10% instead.





8CBE74



8CBE74

FFFFFF



72A35B



C3F7A9



588842



DFFFC4



3E6F2B



FCFFE1



255613

FFFFFFD



093E00



002800



000D00



000000



8CBE74



8CBE74

 7FBE61

 99BE87

 72BE4E

 A6BE9A

 65BE3B

 B3BEAD

 59BE28

 BFBEC0

 4CBE15

 CCBED3

 3FBE02

 D9BEE6

 3EBE00

 E6BEF9

 F3BEFF

 FFBEFF

# Harmonies

## Analogous

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



B9B460



8CBE74



55C498

# Triad

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



8CBE74



3DBBFD



FE90A0

# Complementary

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



8CBE74



A674BE

# 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.



F093C9



8CBE74



91AFFF

# Square

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



8CBE74



00C3E6



CB9FEC



F6987B

# Rectangle

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



8CBE74



18C6B3



CB9FEC



FC90AE

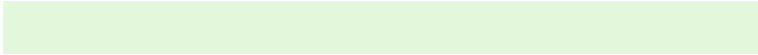


# Sweetspot

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



8CBE74



E3F7DA



BEA574



717D6B



FCFCFC



7D7D7D



# Same Dimension

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



8CBE74



A9F783



74BE80



585E55



339E00



0A1F00



# Inverse Universe

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



A674BE



D283F7



BE74B2



5B555E



6B009E



15001F



# Previews

## White Background



This preview shows how the Hex color 8CBE74 looks on a white background.

## Color Contrast Check

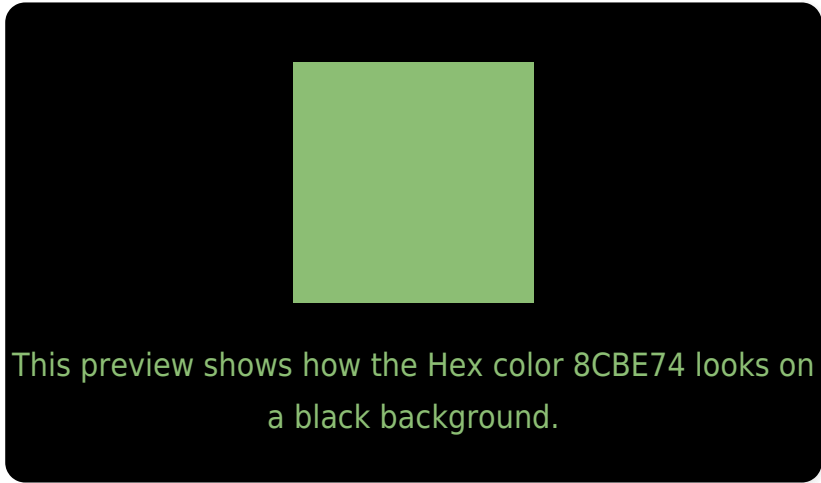
Large Text (above 18pt) WCAG AA × Fail

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 8CBE74 Background



This preview shows how black text looks on a background with the Hex color 8CBE74.

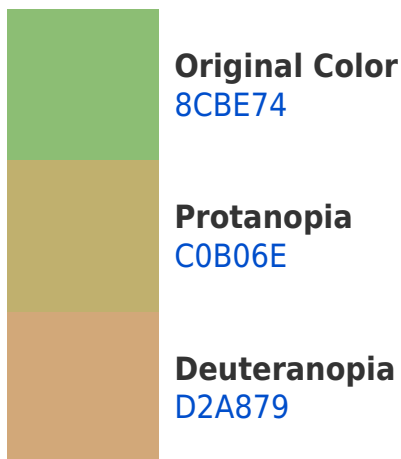


This preview shows how white text looks on a background with the Hex color 8CBE74.

# 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**  
99B5C3

# Trichromacy



**Original Color**  
8CBE74

**Protanomaly**  
ADB570

**Deuteranomaly**  
B9B077

**Tritanomaly**  
94B8A6

# Monochromacy



**Original Color**  
8CBE74

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
9DAF94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8CBE74 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 #8CBE74 looks like.

```
.text, #text, p{  
    color:#8CBE74  
}
```

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 #8CBE74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8CBE74
}
```

## Border

The CSS property to change the border of an element to Hex 8CBE74 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
#8CBE74 }
```

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

```
.border{ border-color:#8CBE74 }
```

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

Here you see how a box with a 4 pixel #8CBE74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8CBE74; -webkit-box-shadow:4px 4px  
4px 4px #8CBE74; box-shadow:4px 4px 4px  
4px #8CBE74 }
```

# Background

The CSS property to change the background color of an element to Hex 8CBE74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8CBE74 }
```

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

```
.background{ background-color:#8CBE74 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor