

# Converting Colors

Hex(8EBD6C)

Have a look what the booklet for  
Hex(8EBD6C) contains.

|  |    |
|--|----|
| <b>Hex(8EBD6C)</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(8EBD6C)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 8EBD6C                      |
| RGB         | 142, 189, 108               |
| RGB Percent | 56%, 74%, 42%               |
| CMY         | 0.4431, 0.2588, 0.5765      |
| CMYK        | 0.25, 0.00, 0.43, 0.26      |
| HSL         | 95°, 38%, 58%               |
| HSV         | 95°, 43%, 74%               |
| XYZ         | 32.0597, 43.2287, 20.8416   |
| YIQ         | 165.7130, -2.0110, -35.1550 |

# Conversions

## Conversions Part 2

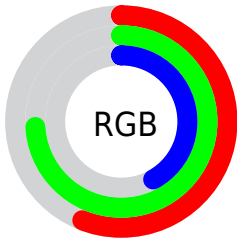
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 108, 189, 155                   |
| Decimal                             | 9354604                         |
| CIELab                              | 71.71, -30.01, 35.96            |
| CIELCh                              | 72, 46.837, 129.843             |
| Yxy                                 | 43.2287, 0.3335,<br>0.4497      |
| Android<br>(android.graphics.Color) | 4287544684<br>(0xFF8EBD6C)      |
| YUV                                 | 165.7130, -28.4525,<br>-20.7963 |
| Hunter-Lab                          | 65.7485, -28.0214,<br>27.2296   |

# Details

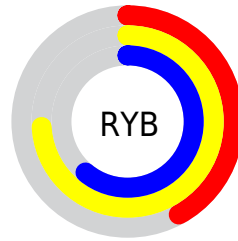
The Hex color **8EBD6C** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **9B6CBD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C5F5A1**, and **59873A** is the 20% darker color. If you saturate the color by 10%, you get **83BD59**, and if you desaturate by 10%, it is **99BD7F**.

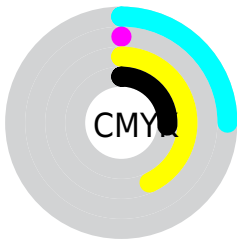
# Distribution



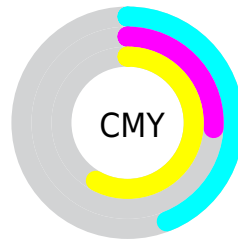
- Red (56%)
- Green (74%)
- Blue (42%)



- Red (42%)
- Yellow (74%)
- Blue (61%)



- Cyan (25%)
- Magenta (0%)
- Yellow (43%)
- Black (26%)



- Cyan (44%)
- Magenta (26%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EBD6C 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 8EBD6C by changing the saturation by 10% instead.



 8EBD6C

 8EBD6C

FFFFFF

 73A253

 C5F5A1

 59873A

 E2FFBC

 406E22

 FFFFD8

 265508

 FFFFF5

 0D3D00

 002700

 000C00

 000000

 8EBD6C

 8EBD6C

 83BD59

 99BD7F

 78BD46

 A4BD92

 6DBD33

 AFBDA5

 62BD20

 BABDB8

 57BD0D

 C5BDCB

 4FBD00

 D0BDDD

 DBBDF0

 E6BDFE

 F1BDFE

# Harmonies

## Analogous

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



BCB259



8EBD6C



53C491

# Triad

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



8EBD6C



00BCFF



FF8DA3

# Complementary

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



8EBD6C



9B6CBD

# 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.



F091CE



8EBD6C



84AFFF

# Square

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



8EBD6C



00C4E5



C69FF2



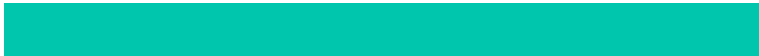
FB947B

# Rectangle

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



8EBD6C



00C6AE



C69FF2



FE8DB2



# Sweetspot

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



8EBD6C



E2F5D5



BD9A6C



6F7A67



FAFAFA



7A7A7A



# Same Dimension

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



8EBD6C



ACF578



6CBD71



595E55



429E00



0D1F00



# Inverse Universe

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



9B6CBD



C078F5



BD6CB8



5A555E



5C009E



12001F



# Previews

## White Background



This preview shows how the Hex color 8EBD6C looks on a white background.

## Color Contrast Check

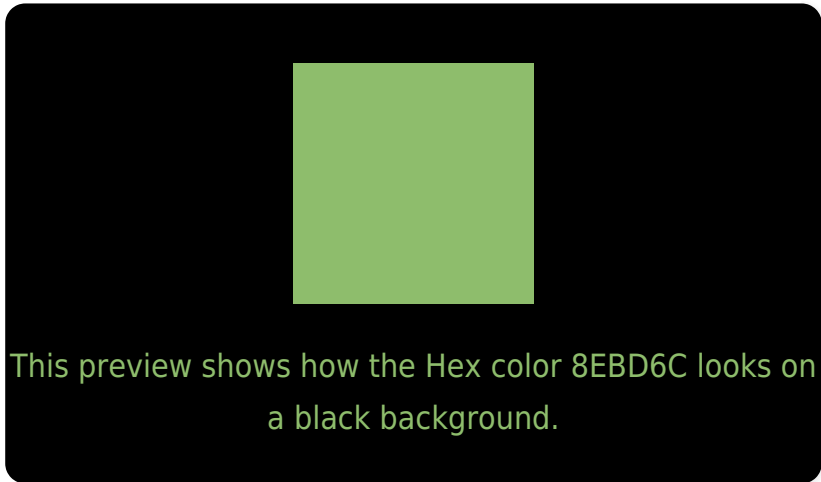
Large Text (above 18pt) WCAG AA × Fail

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 8EBD6C Background



This preview shows how black text looks on a background with the Hex color 8EBD6C.

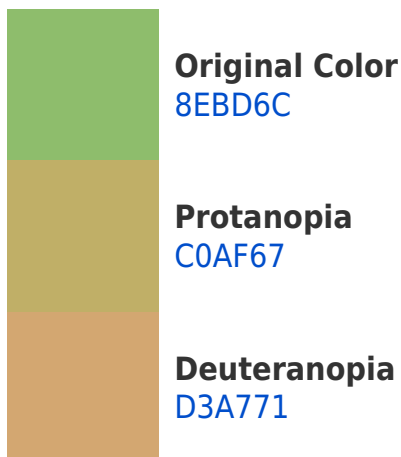


This preview shows how white text looks on a background with the Hex color 8EBD6C.

# 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](#).

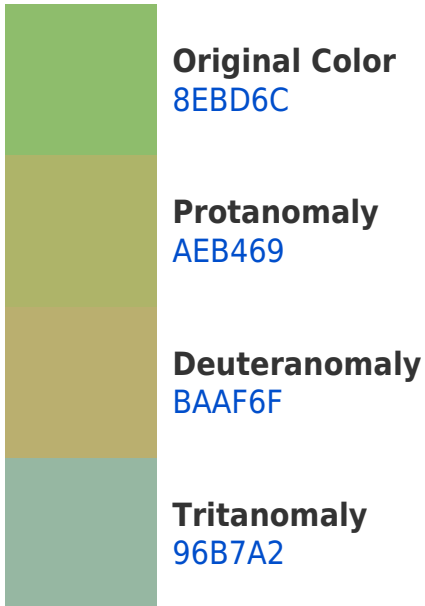
## Dichromacy



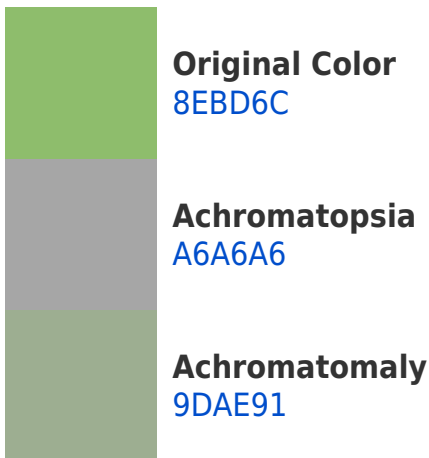


**Tritanopia**  
9BB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EBD6C 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 #8EBD6C looks like.

```
.text, #text, p{  
    color:#8EBD6C  
}
```

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 #8EBD6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EBD6C
}
```

## Border

The CSS property to change the border of an element to Hex 8EBD6C 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
#8EBD6C }
```

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

```
.border{ border-color:#8EBD6C }
```

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

Here you see how a box with a 4 pixel #8EBD6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EBD6C; -webkit-box-shadow:4px 4px  
4px 4px #8EBD6C; box-shadow:4px 4px 4px  
4px #8EBD6C }
```

# Background

The CSS property to change the background color of an element to Hex 8EBD6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EBD6C }
```

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

```
.background{ background-color:#8EBD6C }
```

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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