

# Converting Colors

Hex(8E960B)

Have a look what the booklet for  
Hex(8E960B) contains.

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**Color**

**Hex(8E960B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E960B
RGB	142, 150, 11
RGB Percent	56%, 59%, 4%
CMY	0.4431, 0.4118, 0.9569
CMYK	0.05, 0.00, 0.93, 0.41
HSL	63°, 86%, 32%
HSV	63°, 93%, 59%
XYZ	22.1221, 27.5876, 4.4756
YIQ	131.7620, 39.8510, -44.9250

# Conversions

## Conversions Part 2

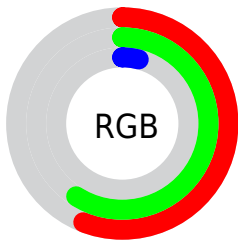
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 150, 19
Decimal	9344523
CIE Lab	59.51, -17.93, 61.17
CIE LCh	60, 63.748, 106.337
Yxy	27.5876, 0.4083, 0.5091
Android (android.graphics.Color)	4287534603 (0xFF8E960B)
YUV	131.7620, -59.5357, 8.9787
Hunter-Lab	52.5239, -16.7361, 31.7146

# Details

The Hex color **8E960B** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **130B96**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **C7CC4C**, and **576300** is the 20% darker color. If you saturate the color by 10%, you get **8D9600**, and if you desaturate by 10%, it is **8F961A**.

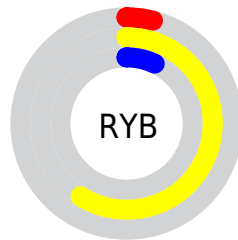
# Distribution



Red (56%)

Green (59%)

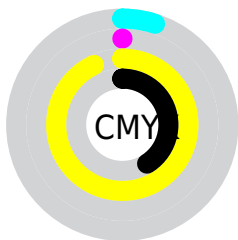
Blue (4%)



Red (4%)

Yellow (59%)

Blue (7%)

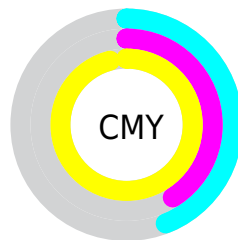


Cyan (5%)

Magenta (0%)

Yellow (93%)

Black (41%)



Cyan (44%)

Magenta (41%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E960B 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 8E960B by changing the saturation by 10% instead.



 8E960B

 8E960B

FFFFFF

 727C00

 C7CC4C

 576300

 E4E867

 3D4C00

 FFFF82

 233500

 FFFF9E

 062000

 FFFFBA

 000000

 FFFFD6

 FFFFF4

 8E960B

 8E960B

■ 8D9600

■ 8F961A

■ 909629

■ 919638

■ 919647

■ 929656

■ 939665

■ 949674

■ 959683

■ 969692

# Harmonies

## Analogous

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



C08312



8E960B



4BA23C

# Triad

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



8E960B



00A7E0



E75CAB

# Complementary

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



8E960B



130B96

# 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.



B872DD



8E960B



009DFC

# Square

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



8E960B



00AAAD



588BFC



F45973

# Rectangle

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



8E960B



00A660



588BFC



DC62BD



# Sweetspot

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



8E960B



BFC28C



96120B



5F6140



E0E0E0



616161



# Same Dimension

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



8E960B



B7C200



4A960B



4A4A43



828A00



0A0A00



# Inverse Universe

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



130B96



0B00C2



570B96



43434A



08008A



01000A



# Previews

## White Background



This preview shows how the Hex color 8E960B looks on a white background.

## Color Contrast Check

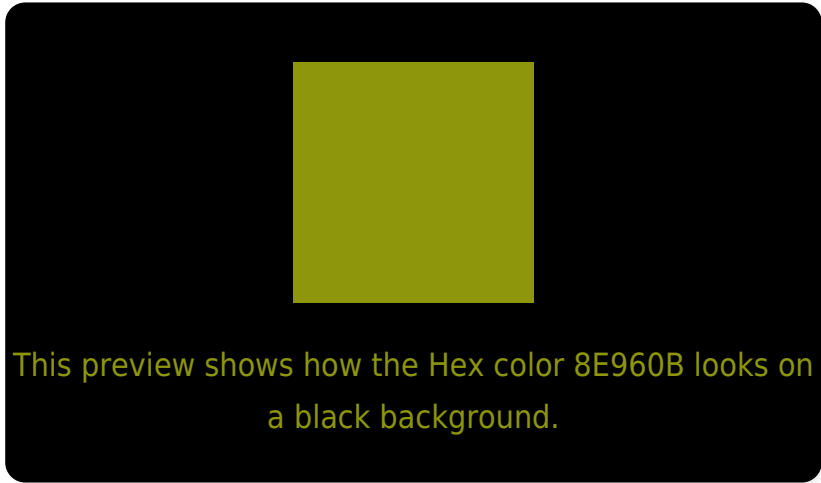
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E960B Background



This preview shows how black text looks on a background with the Hex color 8E960B.



This preview shows how white text looks on a background with the Hex color 8E960B.

# 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**  
988B96

# Trichromacy



**Original Color**  
8E960B

**Protanomaly**  
9B9208

**Deuteranomaly**  
A78D15

**Tritanomaly**  
948F63

# Monochromacy



**Original Color**  
8E960B

**Achromatopsia**  
848484

**Achromatomaly**  
888B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E960B 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 #8E960B looks like.

```
.text, #text, p{  
    color:#8E960B  
}
```

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 #8E960B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E960B
}
```

## Border

The CSS property to change the border of an element to Hex 8E960B 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
#8E960B }
```

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

```
.border{ border-color:#8E960B }
```

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

Here you see how a box with a 4 pixel #8E960B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E960B; -webkit-box-shadow:4px 4px  
4px 4px #8E960B; box-shadow:4px 4px 4px  
4px #8E960B }
```

# Background

The CSS property to change the background color of an element to Hex 8E960B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E960B }
```

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

```
.background{ background-color:#8E960B }
```

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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