

# Converting Colors

Hex(8E9037)

Have a look what the booklet for  
Hex(8E9037) contains.

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**Color**

**Hex(8E9037)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E9037
RGB	142, 144, 55
RGB Percent	56%, 56%, 22%
CMY	0.4431, 0.4353, 0.7843
CMYK	0.01, 0.00, 0.62, 0.44
HSL	61°, 45%, 39%
HSV	61°, 62%, 56%
XYZ	21.8182, 25.9731, 7.4778
YIQ	133.2560, 27.3770, -28.1030

# Conversions

## Conversions Part 2

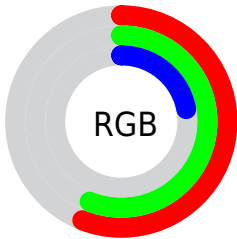
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 144, 57
Decimal	9343031
CIELab	58.01, -12.87, 45.70
CIELCh	58, 47.480, 105.725
Yxy	25.9731, 0.3948, 0.4699
Android (android.graphics.Color)	4287533111 (0xFF8E9037)
YUV	133.2560, -38.5802, 7.6685
Hunter-Lab	50.9638, -12.7689, 26.9752

# Details

The Hex color **8E9037** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **393790**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **C6C66A**, and **595E00** is the 20% darker color. If you saturate the color by 10%, you get **8E9029**, and if you desaturate by 10%, it is **8E9045**.

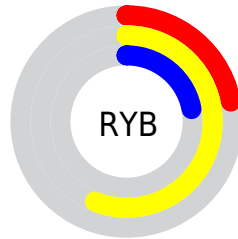
# Distribution



Red (56%)

Green (56%)

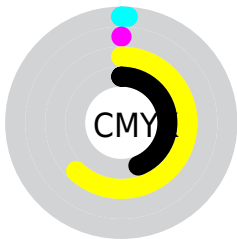
Blue (22%)



Red (22%)

Yellow (56%)

Blue (22%)

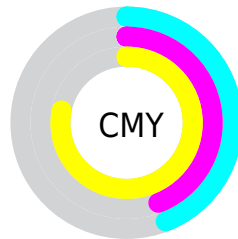


Cyan (1%)

Magenta (0%)

Yellow (62%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E9037 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 8E9037 by changing the saturation by 10% instead.



 8E9037

 8E9037

FFFFFF

 73761D

 C6C66A

 595E00

 E3E284

 404600

 FFFE9F

 273000

 FFFFBB

 0B1C00

 FFFFD7

 000000

 FFFFF4

 8E9037

 8E9037

 8E9029

 8E9045

■ 8D901A

■ 8F9054

■ 8D900C

■ 8F9062

■ 8D9000

■ 8F9071

■ 90907F

■ 90908D

■ 90909C

■ 9190AA

■ 9190B9

# Harmonies

## Analogous

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



B48239



8E9037



5F9A4F

# Triad

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



8E9037



009DC6



CE6AA1

# Complementary

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



8E9037



393790

# 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.



AA78C6



8E9037



0096DC

# Square

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



8E9037



00A0A1



6B88DB



D96877

# Rectangle

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



8E9037



329E68



6B88DB



C56EAE



# Sweetspot

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



8E9037



B9BA97



903837



5E5E49



DEDEDE



5E5E5E



# Same Dimension

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



8E9037



B7BA30



629037



474740



848700



070800



# Inverse Universe

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



393790



3330BA



653790



404047



030087



000008



# Previews

## White Background



This preview shows how the Hex color 8E9037 looks on a white background.

## Color Contrast Check

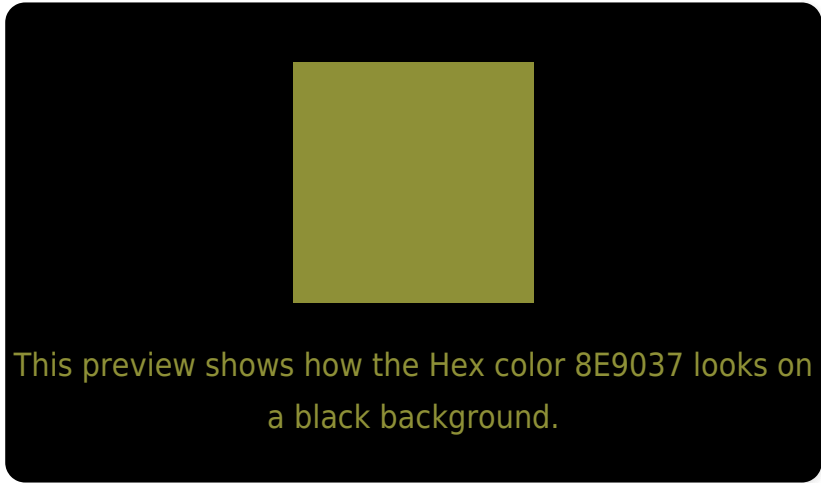
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E9037 Background



This preview shows how black text looks on a background with the Hex color 8E9037.



This preview shows how white text looks on a background with the Hex color 8E9037.

# 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**  
8E9037

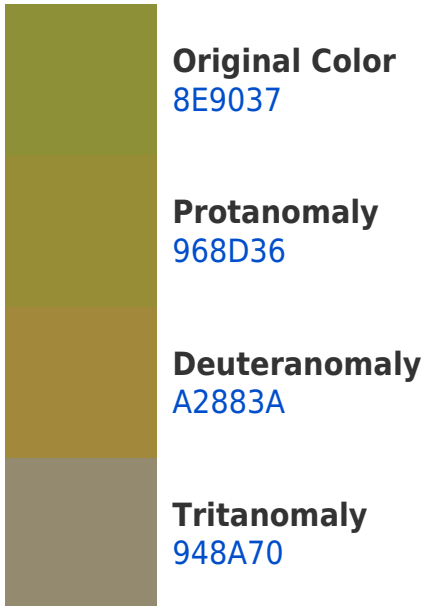
**Protanopia**  
9B8C36

**Deuteranopia**  
AD843B

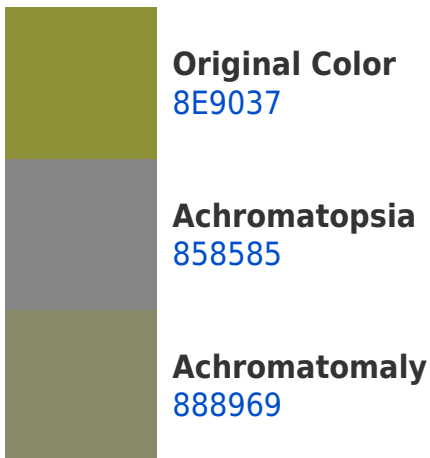


**Tritanopia**  
978791

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E9037 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 #8E9037 looks like.

```
.text, #text, p{  
    color:#8E9037  
}
```

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 #8E9037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E9037
}
```

## Border

The CSS property to change the border of an element to Hex 8E9037 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
#8E9037 }
```

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

```
.border{ border-color:#8E9037 }
```

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

Here you see how a box with a 4 pixel #8E9037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E9037; -webkit-box-shadow:4px 4px  
4px 4px #8E9037; box-shadow:4px 4px 4px  
4px #8E9037 }
```

# Background

The CSS property to change the background color of an element to Hex 8E9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E9037 }
```

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

```
.background{ background-color:#8E9037 }
```

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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