

# Converting Colors

Hex(8E610F)

Have a look what the booklet for  
Hex(8E610F) contains.

<b>Hex(8E610F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8E610F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E610F
RGB	142, 97, 15
RGB Percent	56%, 38%, 6%
CMY	0.4431, 0.6196, 0.9412
CMYK	0.00, 0.32, 0.89, 0.44
HSL	39°, 81%, 31%
HSV	39°, 89%, 56%
XYZ	15.5162, 14.3347, 2.4010
YIQ	101.1070, 53.1420, -15.9620

# Conversions

## Conversions Part 2

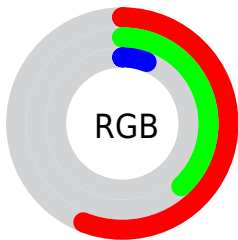
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 142, 15
Decimal	9330959
CIELab	44.71, 11.59, 48.59
CIELCh	45, 49.950, 76.584
Yxy	14.3347, 0.4811, 0.4445
Android (android.graphics.Color)	4287521039 (0xFF8E610F)
YUV	101.1070, -42.4508, 35.8632
Hunter-Lab	37.8611, 6.8958, 22.7429

# Details

The Hex color **8E610F** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0F3C8E**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **C89344**, and **573300** is the 20% darker color. If you saturate the color by 10%, you get **8E5C01**, and if you desaturate by 10%, it is **8E661D**.

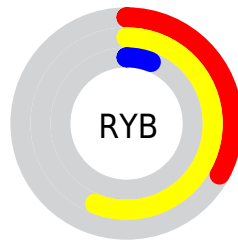
# Distribution



Red (56%)

Green (38%)

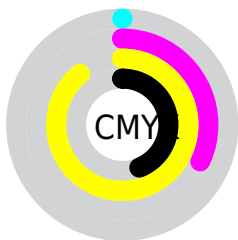
Blue (6%)



Red (33%)

Yellow (56%)

Blue (6%)

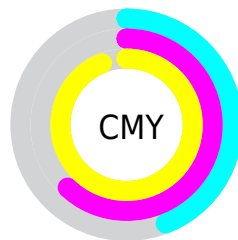


Cyan (0%)

Magenta (32%)

Yellow (89%)

Black (44%)



Cyan (44%)

Magenta (62%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E610F 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 8E610F by changing the saturation by 10% instead.





8E610F



8E610F

FFFFFF



724900



C89344



573300



E6AE5D



3C1E00



FFC977



230700



FFE592



000000



FFFFAD



FFFFC9



FFFFE5



8E610F



8E610F

■ 8E5C01

■ 8E661D

■ 8E5C00

■ 8E6B2B

■ 8E703A

■ 8E7548

■ 8E7A56

■ 8E7F64

■ 8E8472

■ 8E8981

■ 8E8E8F

# Harmonies

## Analogous

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



A9502E



8E610F



696F0C

# Triad

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



8E610F



007D80



8954A3

# Complementary

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



8E610F



0F3C8E

# 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.



4366BA



8E610F



007BA5

# Square

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



8E610F



007C55



0074BB



AB447E

# Rectangle

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



8E610F



4A7520



0074BB



775BAD



# Sweetspot

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



8E610F



B8A686



8E0F3E



5C513E



DBDBDB



5C5C5C



# Same Dimension

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



8E610F



B87700



7D8E0F



474540



875700



080500



# Inverse Universe

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



0F3C8E



0041B8



200F8E



404347



003087

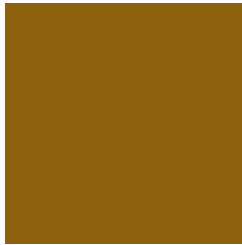


000308



# Previews

## White Background



This preview shows how the Hex color 8E610F looks on a white background.

## Color Contrast Check

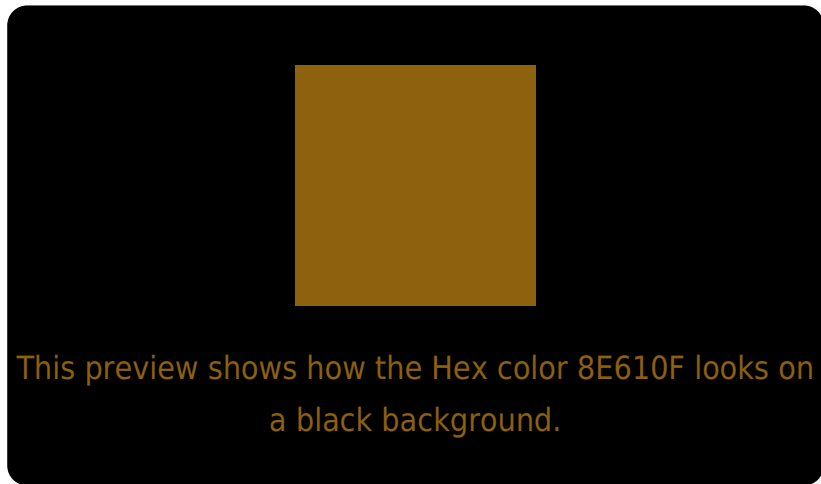
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 8E610F Background



This preview shows how black text looks on a background with the Hex color 8E610F.



This preview shows how white text looks on a background with the Hex color 8E610F.

# 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**  
8E610F

**Protanopia**  
786A12

**Deuteranopia**  
86650B



**Tritanopia**  
925A61

# Trichromacy



**Original Color**  
8E610F

**Protanomaly**  
806711

**Deuteranomaly**  
89640C

**Tritanomaly**  
915D43

# Monochromacy



**Original Color**  
8E610F

**Achromatopsia**  
656565

**Achromatomaly**  
746446

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E610F 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 #8E610F looks like.

```
.text, #text, p{  
    color:#8E610F  
}
```

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 #8E610F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E610F
}
```

## Border

The CSS property to change the border of an element to Hex 8E610F is called "border". The border property can be set on classes, ids or directly on the HTML element.

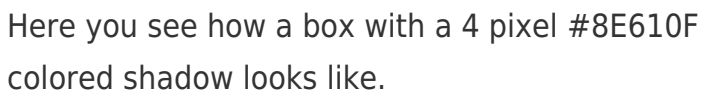
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E610F }
```

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

```
.border{ border-color:#8E610F }
```

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



Here you see how a box with a 4 pixel #8E610F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E610F; -webkit-box-shadow:4px 4px  
4px 4px #8E610F; box-shadow:4px 4px 4px  
4px #8E610F }
```

# Background

The CSS property to change the background color of an element to Hex 8E610F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E610F }
```

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

```
.background{ background-color:#8E610F }
```

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