

# Converting Colors

Hex(8C660D)

Have a look what the booklet for  
Hex(8C660D) contains.

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**Color**

**Hex(8C660D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C660D
RGB	140, 102, 13
RGB Percent	55%, 40%, 5%
CMY	0.4510, 0.6000, 0.9490
CMYK	0.00, 0.27, 0.91, 0.45
HSL	42°, 83%, 30%
HSV	42°, 91%, 55%
XYZ	15.6392, 15.1072, 2.4725
YIQ	103.2160, 51.2170, -19.6230

# Conversions

## Conversions Part 2

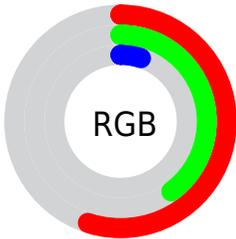
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 140, 13
Decimal	9201165
CIELab	45.78, 7.69, 49.88
CIElCh	46, 50.472, 81.236
Yxy	15.1072, 0.4708, 0.4548
Android (android.graphics.Color)	4287391245 (0xFF8C660D)
YUV	103.2160, -44.4765, 32.2596
Hunter-Lab	38.8680, 3.8035, 23.4361

# Details

The Hex color **8C660D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0D338C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C59944**, and **553700** is the 20% darker color. If you saturate the color by 10%, you get **8C6200**, and if you desaturate by 10%, it is **8C6A1B**.

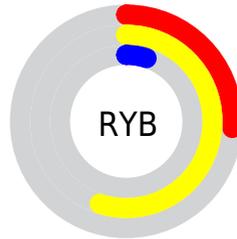
# Distribution



Red (55%)

Green (40%)

Blue (5%)



Red (26%)

Yellow (55%)

Blue (5%)

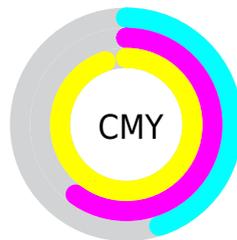


Cyan (0%)

Magenta (27%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (60%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C660D 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 8C660D by changing the saturation by 10% instead.

 8C660D

 8C660D

FFFFFF

 704E00

 C59944

 553700

 E3B35D

 3A2200

 FFCF77

 220E00

 FFE892

 000000

 FFFFAD

 FFFFC9

 FFFFEE

 8C660D

 8C660D

■ 8C6200

■ 8C6A1B

■ 8C6E29

■ 8C7337

■ 8C7745

■ 8C7B53

■ 8C7F61

■ 8C836F

■ 8C887D

■ 8C8C8B

# Harmonies

## Analogous

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



A9552B



8C660D



657312

# Triad

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



8C660D



00808A



9354A2

# Complementary

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



8C660D



0D338C

# 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.



5566BC



8C660D



007DAE

# Square

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



8C660D



00805E



0075C0



B2457B

# Rectangle

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



8C660D



447928



0075C0



835AAC

# Sweetspot

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



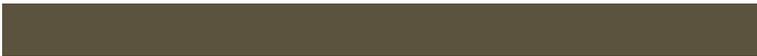
8C660D



B5A684



8C0D33



5C533E



DBDBDB



5C5C5C



# Same Dimension

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



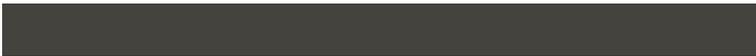
8C660D



B57F00



738C0D



45433E



855D00



050400



# Inverse Universe

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



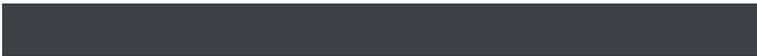
0D338C



0036B5



260D8C



3E4045



002885

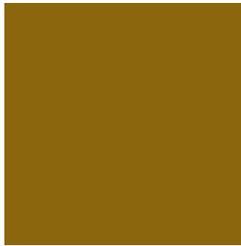


000205



# Previews

## White Background



This preview shows how the Hex color 8C660D looks on a white background.

## Color Contrast Check

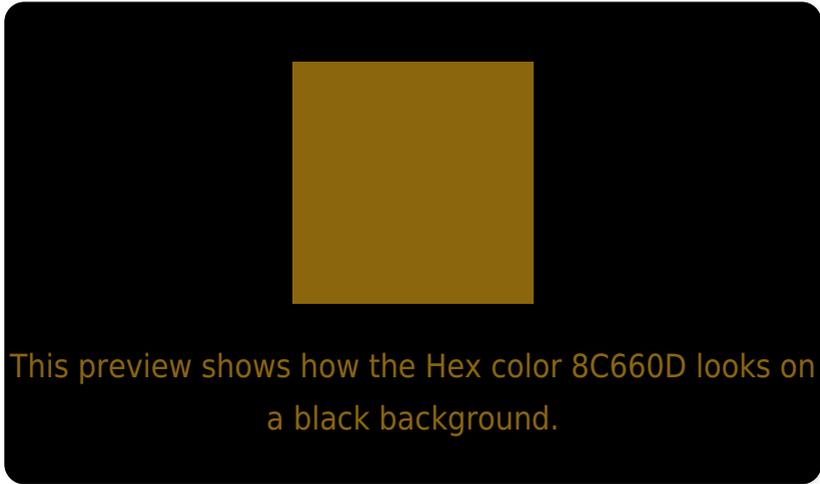
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C660D Background



This preview shows how black text looks on a background with the Hex color 8C660D.



This preview shows how white text looks on a background with the Hex color 8C660D.

# 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**  
8C660D

**Protanopia**  
7B6D0F

**Deuteranopia**  
89670C



**Tritanopia**  
915F66

# Trichromacy



**Original Color**  
8C660D

**Protanomaly**  
816A0E

**Deuteranomaly**  
8A670C

**Tritanomaly**  
8F6246

# Monochromacy



**Original Color**  
8C660D

**Achromatopsia**  
676767

**Achromatomaly**  
746746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C660D 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 #8C660D looks like.

```
.text, #text, p{  
    color:#8C660D  
}
```

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 #8C660D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C660D
}
```

## Border

The CSS property to change the border of an element to Hex 8C660D 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
#8C660D }
```

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

```
.border{ border-color:#8C660D }
```

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

Here you see how a box with a 4 pixel #8C660D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C660D; -webkit-box-shadow:4px 4px  
4px 4px #8C660D; box-shadow:4px 4px 4px  
4px #8C660D }
```

# Background

The CSS property to change the background color of an element to Hex 8C660D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C660D }
```

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

```
.background{ background-color:#8C660D }
```

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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