

Converting Colors

Hex(8C680C)

Have a look what the booklet for
Hex(8C680C) contains.

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Color

Hex(8C680C)

Conversions

Conversions Part 1

Format	Color
Hex	8C680C
RGB	140, 104, 12
RGB Percent	55%, 41%, 5%
CMY	0.4510, 0.5922, 0.9529
CMYK	0.00, 0.26, 0.91, 0.45
HSL	43°, 84%, 30%
HSV	43°, 91%, 55%
XYZ	15.8319, 15.5026, 2.5057
YIQ	104.2760, 50.9880, -20.9800

Conversions

Conversions Part 2

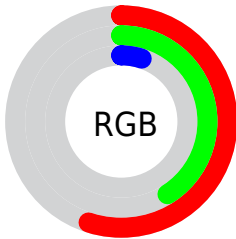
Format	Color
RYB	62, 140, 12
Decimal	9201676
CIELab	46.32, 6.51, 50.55
CIElCh	46, 50.969, 82.665
Yxy	15.5026, 0.4678, 0.4581
Android (android.graphics.Color)	4287391756 (0xFF8C680C)
YUV	104.2760, -45.4921, 31.3299
Hunter-Lab	39.3734, 2.8708, 23.7882

Details

The Hex color **8C680C** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0C308C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **C59B43**, and **553900** is the 20% darker color. If you saturate the color by 10%, you get **8C6500**, and if you desaturate by 10%, it is **8C6C1A**.

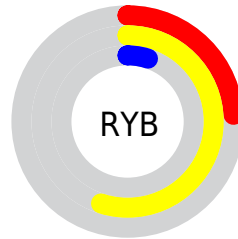
Distribution



Red (55%)

Green (41%)

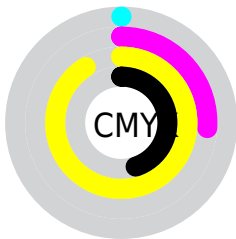
Blue (5%)



Red (24%)

Yellow (55%)

Blue (5%)

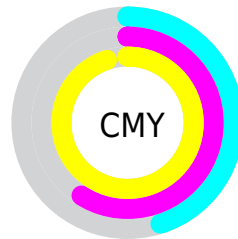


Cyan (0%)

Magenta (26%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (59%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C680C 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 8C680C by changing the saturation by 10% instead.

 8C680C

 8C680C

FFFFFF

 705000

 C59B43

 553900

 E3B65D

 3B2400

 FFD177

 221000

 FFED92

 000000

 FFFFAD

 FFFFC9

 FFFFEE

 8C680C

 8C680C

■ 8C6500

■ 8C6C1A

■ 8C7028

■ 8C7436

■ 8C7844

■ 8C7C52

■ 8C8060

■ 8C846E

■ 8C887C

■ 8C8B8A

Harmonies

Analogous

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



AA572A



8C680C



647513

Triad

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



8C680C



00828D



9754A2

Complementary

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



8C680C



0C308C

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.



5A67BD



8C680C



007EB1

Square

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



8C680C



008161



0076C3



B5457A

Rectangle

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



8C680C



427B2A



0076C3



875AAD

Sweetspot

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



8C680C



B5A784



8C0C30



5C543E



DBDBDB



5C5C5C

Same Dimension

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



8C680C



B58200



708C0C



45433E



855F00



050400

Inverse Universe

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



0C308C



0033B5



280C8C



3E4045



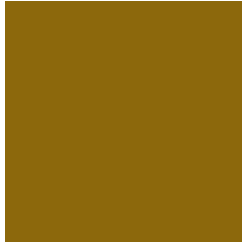
002585



000105

Previews

White Background



This preview shows how the Hex color 8C680C looks on a white background.

Color Contrast Check

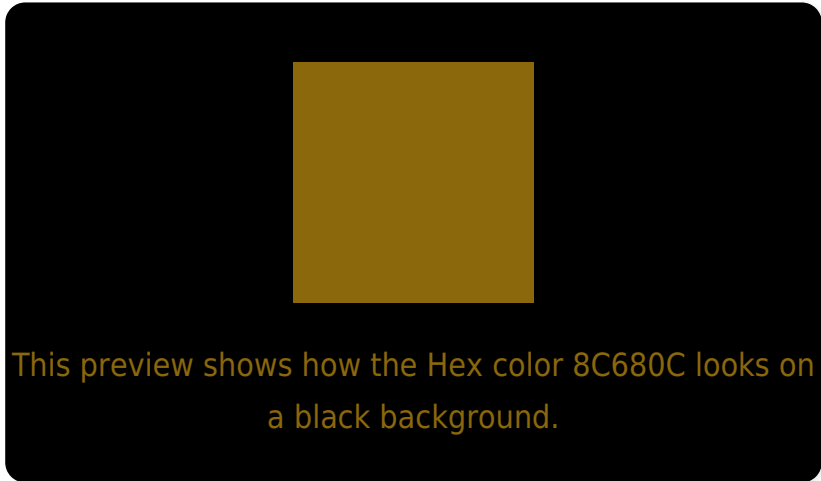
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C680C Background



This preview shows how black text looks on a background with the Hex color 8C680C.



This preview shows how white text looks on a background with the Hex color 8C680C.

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
8C680C

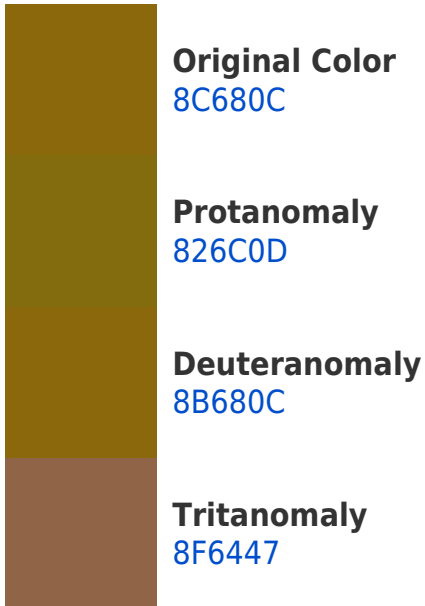
Protanopia
7C6E0E

Deuteranopia
8B680C

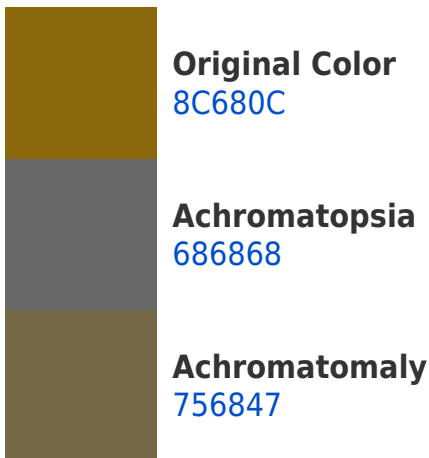


Tritanopia
916168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C680C 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 #8C680C looks like.

```
.text, #text, p{  
    color:#8C680C  
}
```

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 #8C680C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C680C
}
```

Border

The CSS property to change the border of an element to Hex 8C680C 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
#8C680C }
```

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

```
.border{ border-color:#8C680C }
```

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

Here you see how a box with a 4 pixel #8C680C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C680C; -webkit-box-shadow:4px 4px  
4px 4px #8C680C; box-shadow:4px 4px 4px  
4px #8C680C }
```

Background

The CSS property to change the background color of an element to Hex 8C680C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C680C }
```

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

```
.background{ background-color:#8C680C }
```

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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