

Converting Colors

Hex(8C560D)

Have a look what the booklet for
Hex(8C560D) contains.

Hex(8C560D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C560D)

Conversions

Conversions Part 1

Format	Color
Hex	8C560D
RGB	140, 86, 13
RGB Percent	55%, 34%, 5%
CMY	0.4510, 0.6627, 0.9490
CMYK	0.00, 0.39, 0.91, 0.45
HSL	34°, 83%, 30%
HSV	34°, 91%, 55%
XYZ	14.2157, 12.2601, 1.9980
YIQ	93.8240, 55.6170, -11.2550

Conversions

Conversions Part 2

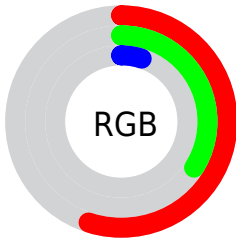
Format	Color
R_{YB}	107, 140, 13
Decimal	9197069
CIE Lab	41.63, 17.02, 46.60
CIE LCh	42, 49.614, 69.941
Yxy	12.2601, 0.4993, 0.4306
Android (android.graphics.Color)	4287387149 (0xFF8C560D)
YUV	93.8240, -39.8462, 40.4964
Hunter-Lab	35.0144, 11.1948, 21.1269

Details

The Hex color **8C560D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0D438C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **C68841**, and **542800** is the 20% darker color. If you saturate the color by 10%, you get **8C5000**, and if you desaturate by 10%, it is **8C5C1B**.

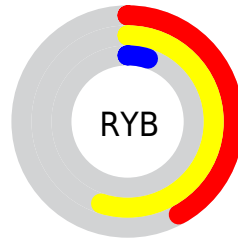
Distribution



Red (55%)

Green (34%)

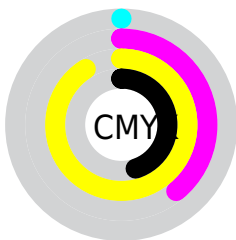
Blue (5%)



Red (42%)

Yellow (55%)

Blue (5%)

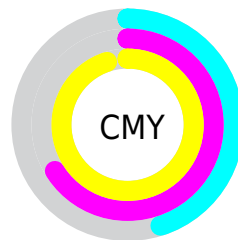


Cyan (0%)

Magenta (39%)

Yellow (91%)

Black (45%)



Cyan (45%)

Magenta (66%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C560D 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 8C560D by changing the saturation by 10% instead.

 8C560D

 8C560D

FFFFFFE

 703F00

 C68841

 542800

 E4A25A

 391400

 FFBD74

 220000

 FFD98E

 000000

 FFF5A9

 FFFFC5

 FFFFE1

 8C560D

 8C560D

■ 8C5000

■ 8C5C1B

■ 8C6229

■ 8C6837

■ 8C6E45

■ 8C7453

■ 8C7A61

■ 8C806F

■ 8C867D

■ 8C8C8B

Harmonies

Analogous

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



A44430



8C560D



6A6500

Triad

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



8C560D



00756F



7551A1

Complementary

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



8C560D



0D438C

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.



1762B3



8C560D



007496

Square

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



8C560D



007345



006EAF



9D3F7F

Rectangle

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



8C560D



4D6C11



006EAF



6057A9

Sweetspot

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



8C560D



B5A084



8C0D44



5C4F3E



DBDBDB



5C5C5C

Same Dimension

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



8C560D



B56800



848C0D



45423E



854C00



050300

Inverse Universe

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



0D438C



004DB5



150D8C



3E4145



003885



000205

Previews

White Background



This preview shows how the Hex color 8C560D looks on a white background.

Color Contrast Check

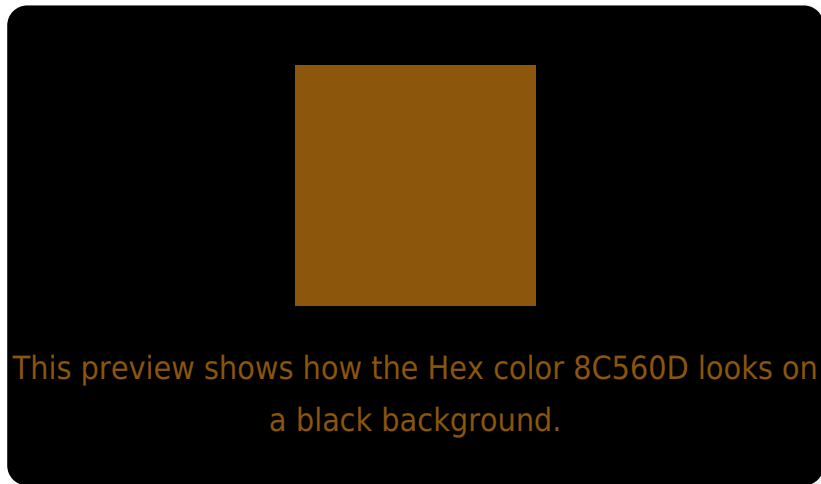
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C560D Background



This preview shows how black text looks on a background with the Hex color 8C560D.



This preview shows how white text looks on a background with the Hex color 8C560D.

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
8C560D

Protanopia
6F6311

Deuteranopia
7D5E00

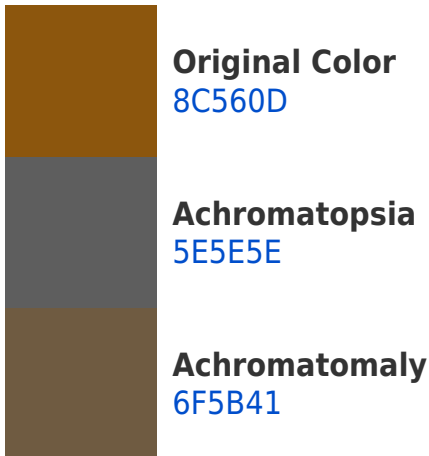


Tritanopia
8F5056

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8C560D 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 #8C560D looks like.

```
.text, #text, p{  
    color:#8C560D  
}
```

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 #8C560D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C560D
}
```

Border

The CSS property to change the border of an element to Hex 8C560D is called "border". The border property can be set on classes, ids or directly on the HTML element.

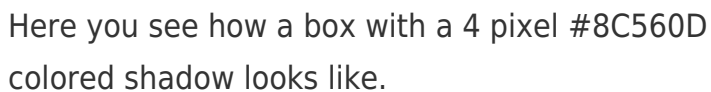
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C560D }
```

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

```
.border{ border-color:#8C560D }
```

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



Here you see how a box with a 4 pixel #8C560D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C560D; -webkit-box-shadow:4px 4px  
4px 4px #8C560D; box-shadow:4px 4px 4px  
4px #8C560D }
```

Background

The CSS property to change the background color of an element to Hex 8C560D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C560D }
```

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

```
.background{ background-color:#8C560D }
```

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