

Converting Colors

Hex(8A670D)

Have a look what the booklet for
Hex(8A670D) contains.

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Color

Hex(8A670D)

Conversions

Conversions Part 1

Format	Color
Hex	8A670D
RGB	138, 103, 13
RGB Percent	54%, 40%, 5%
CMY	0.4588, 0.5961, 0.9490
CMYK	0.00, 0.25, 0.91, 0.46
HSL	43°, 83%, 30%
HSV	43°, 91%, 54%
XYZ	15.4041, 15.1328, 2.4898
YIQ	103.2050, 49.7500, -20.5700

Conversions

Conversions Part 2

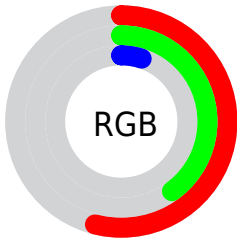
Format	Color
RYB	62, 138, 13
Decimal	9070349
CIELab	45.82, 6.16, 49.81
CIELCh	46, 50.191, 82.950
Yxy	15.1328, 0.4664, 0.4582
Android (android.graphics.Color)	4287260429 (0xFF8A670D)
YUV	103.2050, -44.4711, 30.5152
Hunter-Lab	38.9009, 2.6064, 23.4359

Details

The Hex color **8A670D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0D308A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C39A44**, and **543800** is the 20% darker color. If you saturate the color by 10%, you get **8A6300**, and if you desaturate by 10%, it is **8A6B1B**.

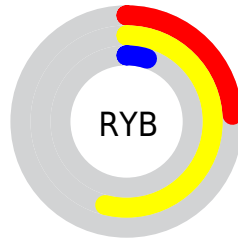
Distribution



Red (54%)

Green (40%)

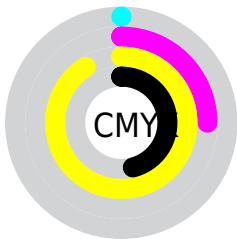
Blue (5%)



Red (24%)

Yellow (54%)

Blue (5%)

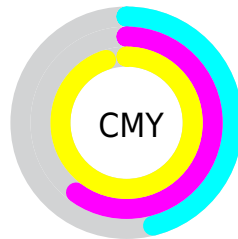


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A670D 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 8A670D by changing the saturation by 10% instead.



8A670D



8A670D

FFFFFF



6E4F00



C39A44



543800



E1B45D



392300



FFD077



200F00



FFEC92



000000



FFFFAD



FFFFC9



FFFFE6



8A670D



8A670D

■ 8A6300

■ 8A6B1B

■ 8A6F29

■ 8A7336

■ 8A7644

■ 8A7A52

■ 8A7E60

■ 8A826E

■ 8A867B

■ 8A8A89

Harmonies

Analogous

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



A85629



8A670D



627414

Triad

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



8A670D



00808C



9653A0

Complementary

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



8A670D



0D308A

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.



5A66BA



8A670D



007DAF

Square

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



8A670D



008061



0074C0



B34578

Rectangle

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



8A670D



417A2A



0074C0



8659AA

Sweetspot

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



8A670D



B3A582



8A0D30



59513D



D9D9D9



595959

Same Dimension

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



8A670D



B38100



6F8A0D



45433E



855F00



050400

Inverse Universe

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



0D308A



0032B3



280D8A



3E4045



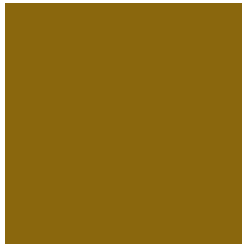
002585



000105

Previews

White Background



This preview shows how the Hex color 8A670D looks on a white background.

Color Contrast Check

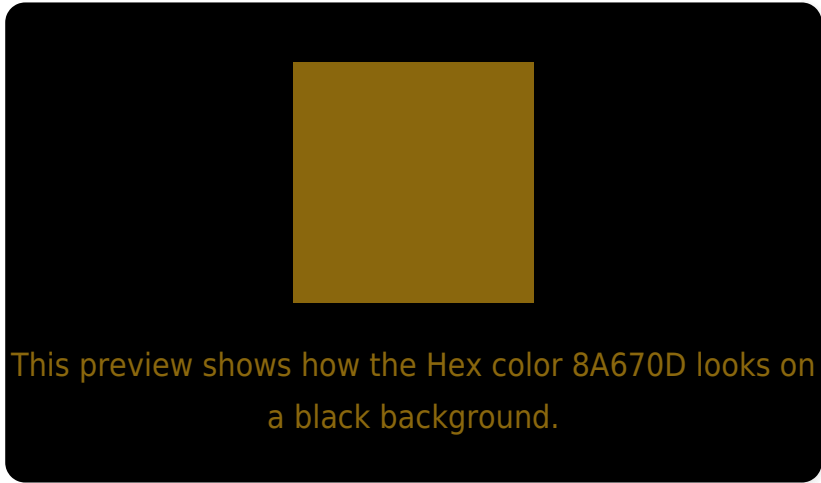
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A670D Background



This preview shows how black text looks on a background with the Hex color 8A670D.



This preview shows how white text looks on a background with the Hex color 8A670D.

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
8A670D

Protanopia
7B6D0F

Deuteranopia
8A670D

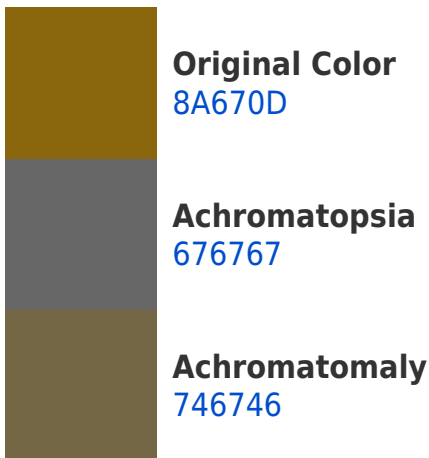


Tritanopia
8F6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A670D 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 #8A670D looks like.

```
.text, #text, p{  
    color:#8A670D  
}
```

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 #8A670D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A670D
}
```

Border

The CSS property to change the border of an element to Hex 8A670D is called "border". The border property can be set on classes, ids or directly on the HTML element.

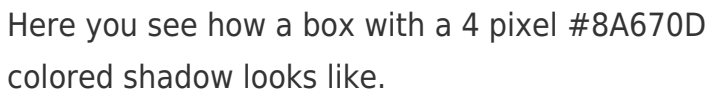
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A670D }
```

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

```
.border{ border-color:#8A670D }
```

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



Here you see how a box with a 4 pixel #8A670D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A670D; -webkit-box-shadow:4px 4px  
4px 4px #8A670D; box-shadow:4px 4px 4px  
4px #8A670D }
```

Background

The CSS property to change the background color of an element to Hex 8A670D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A670D }
```

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

```
.background{ background-color:#8A670D }
```

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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