

Converting Colors

Hex(8A740F)

Have a look what the booklet for
Hex(8A740F) contains.

Hex(8A740F)	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(8A740F)

Conversions

Conversions Part 1

Format	Color
Hex	8A740F
RGB	138, 116, 15
RGB Percent	54%, 45%, 6%
CMY	0.4588, 0.5451, 0.9412
CMYK	0.00, 0.16, 0.89, 0.46
HSL	49°, 80%, 30%
HSV	49°, 89%, 54%
XYZ	16.8128, 17.9285, 3.0264
YIQ	111.0640, 45.5330, -26.7470

Conversions

Conversions Part 2

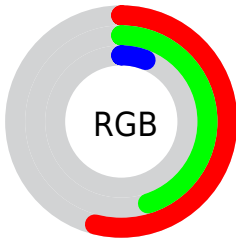
Format	Color
R_{YB}	42, 138, 15
Decimal	9073679
CIE Lab	49.41, -1.26, 52.19
CIE LCh	49, 52.207, 91.384
Yxy	17.9285, 0.4452, 0.4747
Android (android.graphics.Color)	4287263759 (0xFF8A740F)
YUV	111.0640, -47.3596, 23.6229
Hunter-Lab	42.3421, -3.2214, 25.4018

Details

The Hex color **8A740F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F258A**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **C3A847**, and **544400** is the 20% darker color. If you saturate the color by 10%, you get **8A7201**, and if you desaturate by 10%, it is **8A761D**.

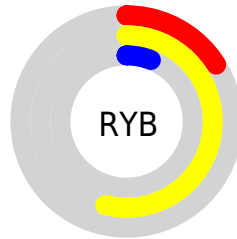
Distribution



Red (54%)

Green (45%)

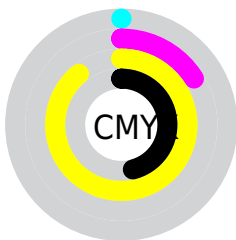
Blue (6%)



Red (16%)

Yellow (54%)

Blue (6%)

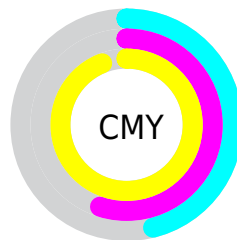


Cyan (0%)

Magenta (16%)

Yellow (89%)

Black (46%)



Cyan (46%)

Magenta (55%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A740F 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 8A740F by changing the saturation by 10% instead.



8A740F



8A740F

FFFFFF



6E5C00



C3A847



544400



E0C361



3A2E00



FEDF7B



211A00



FFFB96



000000



FFFFB2



FFFCE



FFFEB



8A740F



8A740F

■ 8A7201

■ 8A761D

■ 8A7100

■ 8A792B

■ 8A7B38

■ 8A7E46

■ 8A8054

■ 8A8362

■ 8A8570

■ 8A887D

■ 8A8A8B

Harmonies

Analogous

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



AD6325



8A740F



5D8022

Triad

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



8A740F



008AA2



AC55A1

Complementary

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



8A740F



0F258A

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.



7869C1



8A740F



0085C3

Square

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



8A740F



008A76



007ACE



C44A75

Rectangle

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



8A740F



34853B



007ACE



9E5CAD

Sweetspot

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



8A740F



B3AA82



8A0F26



59543D



D9D9D9



595959

Same Dimension

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



8A740F



B39300



638A0F



45443E



856D00



050400

Inverse Universe

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



0F258A



0020B3



360F8A



3E3F45



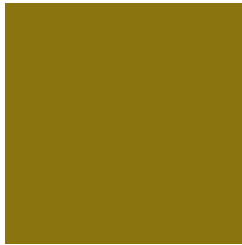
001885



000105

Previews

White Background



This preview shows how the Hex color 8A740F looks on a white background.

Color Contrast Check

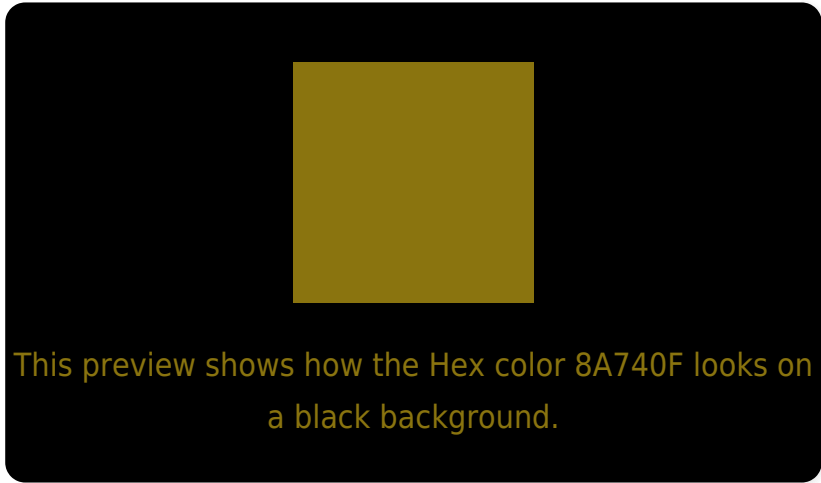
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 8A740F Background



This preview shows how black text looks on a background with the Hex color 8A740F.



This preview shows how white text looks on a background with the Hex color 8A740F.

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


8A740F

Protanopia

857610

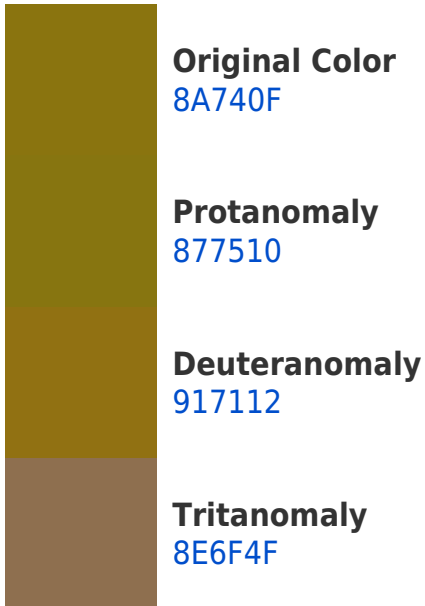
Deuteranopia

957013

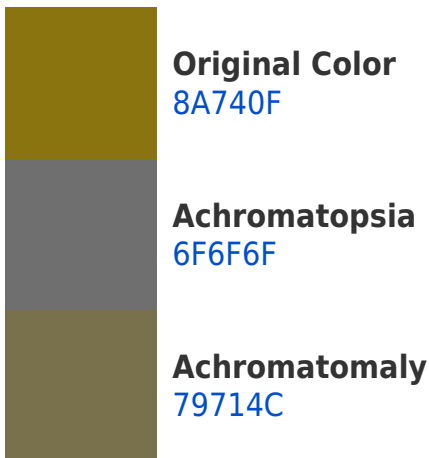


Tritanopia
906C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A740F 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 #8A740F looks like.

```
.text, #text, p{  
    color:#8A740F  
}
```

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 #8A740F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A740F
}
```

Border

The CSS property to change the border of an element to Hex 8A740F is called "border". The border property can be set on classes, ids or directly on the HTML element.

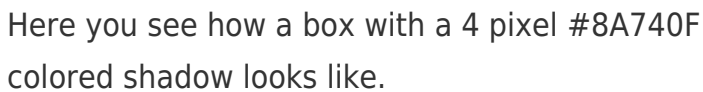
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A740F }
```

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

```
.border{ border-color:#8A740F }
```

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



Here you see how a box with a 4 pixel #8A740F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A740F; -webkit-box-shadow:4px 4px  
4px 4px #8A740F; box-shadow:4px 4px 4px  
4px #8A740F }
```

Background

The CSS property to change the background color of an element to Hex 8A740F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A740F }
```

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

```
.background{ background-color:#8A740F }
```

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