

# Converting Colors

Hex(8A300F)

Have a look what the booklet for  
Hex(8A300F) contains.

<b>Hex(8A300F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(8A300F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A300F
RGB	138, 48, 15
RGB Percent	54%, 19%, 6%
CMY	0.4588, 0.8118, 0.9412
CMYK	0.00, 0.65, 0.89, 0.46
HSL	16°, 80%, 30%
HSV	16°, 89%, 54%
XYZ	11.6244, 7.5517, 1.2969
YIQ	71.1480, 64.2330, 8.8170

# Conversions

## Conversions Part 2

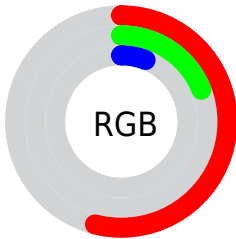
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 60, 15
Decimal	9056271
CIE Lab	33.03, 36.85, 38.86
CIE LCh	33, 53.553, 46.525
Yxy	7.5517, 0.5678, 0.3689
Android (android.graphics.Color)	4287246351 (0xFF8A300F)
YUV	71.1480, -27.6810, 58.6292
Hunter-Lab	27.4803, 27.4166, 16.4381

# Details

The Hex color **8A300F** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0F698A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **C6623D**, and **500000** is the 20% darker color. If you saturate the color by 10%, you get **8A2601**, and if you desaturate by 10%, it is **8A3A1D**.

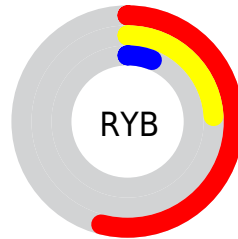
# Distribution



Red (54%)

Green (19%)

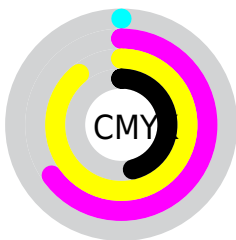
Blue (6%)



Red (54%)

Yellow (24%)

Blue (6%)

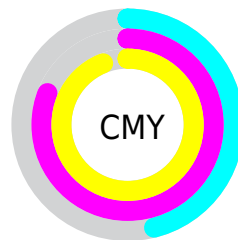


Cyan (0%)

Magenta (65%)

Yellow (89%)

Black (46%)



Cyan (46%)

Magenta (81%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A300F 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 8A300F by changing the saturation by 10% instead.



 8A300F

 8A300F

 FFFFFFF6

 6D1600

 C6623D

 500000

 E47C55

 350000

 FF976E

 100000

 FFB288

 000000

 FFCEA2

 FFEbbe

 FFFFDA

 8A300F

 8A300F

■ 8A2601

■ 8A3A1D

■ 8A2500

■ 8A442B

■ 8A4E38

■ 8A5846

■ 8A6254

■ 8A6D62

■ 8A7770

■ 8A817D

■ 8A8B8B

# Harmonies

## Analogous

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



971938



8A300F



6F4500

# Triad

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



8A300F



005F38



014BA0

# Complementary

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



8A300F



0F698A

# 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.



0058A1



8A300F



006065

# Square

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



8A300F



0A5B08



005E8B



6C3689

# Rectangle

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



8A300F



574F00



005E8B



0050A3



# Sweetspot

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



8A300F



B38F82



8A0F69



59443D



D9D9D9



595959



# Same Dimension

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



8A300F



B33000



8A6D0F



45403E



852400



050100



# Inverse Universe

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



0F698A



0083B3



0F2C8A



3E4345



006185



000405



# Previews

## White Background



This preview shows how the Hex color 8A300F looks on a white background.

## Color Contrast Check

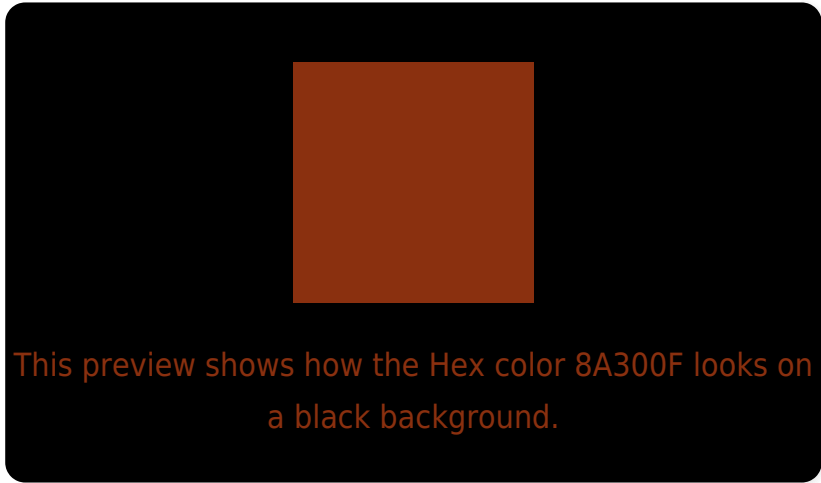
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 8A300F Background



This preview shows how black text looks on a background with the Hex color 8A300F.



This preview shows how white text looks on a background with the Hex color 8A300F.

# 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**  
8A300F

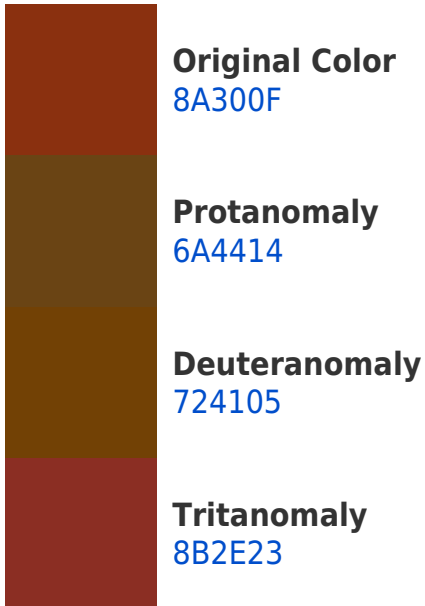
**Protanopia**  
584F17

**Deuteranopia**  
644B00



**Tritanopia**  
8B2D2F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A300F 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 #8A300F looks like.

```
.text, #text, p{  
    color:#8A300F  
}
```

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 #8A300F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A300F
}
```

## Border

The CSS property to change the border of an element to Hex 8A300F is called "border". The border property can be set on classes, ids or directly on the HTML element.

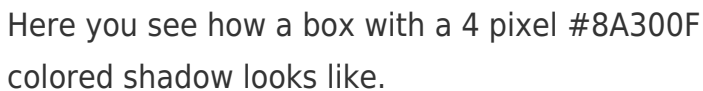
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8A300F }
```

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

```
.border{ border-color:#8A300F }
```

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



Here you see how a box with a 4 pixel #8A300F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A300F; -webkit-box-shadow:4px 4px  
4px 4px #8A300F; box-shadow:4px 4px 4px  
4px #8A300F }
```

# Background

The CSS property to change the background color of an element to Hex 8A300F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A300F }
```

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

```
.background{ background-color:#8A300F }
```

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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