

# Converting Colors

Hex(7F2F0B)

Have a look what the booklet for  
Hex(7F2F0B) contains.

<b>Hex(7F2F0B)</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(7F2F0B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F2F0B
RGB	127, 47, 11
RGB Percent	50%, 18%, 4%
CMY	0.5020, 0.8157, 0.9569
CMYK	0.00, 0.63, 0.91, 0.50
HSL	19°, 84%, 27%
HSV	19°, 91%, 50%
XYZ	9.8293, 6.5692, 1.0665
YIQ	66.8160, 59.2360, 5.7640

# Conversions

## Conversions Part 2

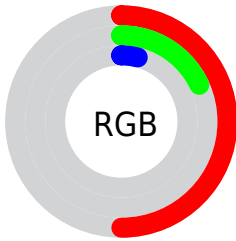
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 63, 11
Decimal	8335115
CIE <sub>Lab</sub>	30.81, 32.94, 37.91
CIE <sub>LCh</sub>	31, 50.222, 49.006
Yxy	6.5692, 0.5628, 0.3761
Android (android.graphics.Color)	4286525195 (0xFF7F2F0B)
YUV	66.8160, -27.5173, 52.7814
Hunter-Lab	25.6305, 23.6016, 15.4742

# Details

The Hex color **7F2F0B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **0B5B7F**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **BA6039**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **7F2700**, and if you desaturate by 10%, it is **7F3818**.

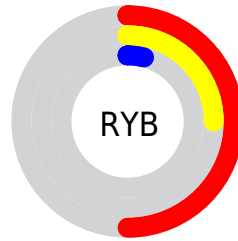
# Distribution



Red (50%)

Green (18%)

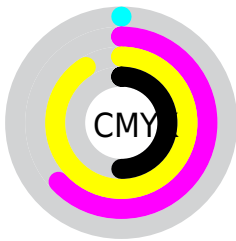
Blue (4%)



Red (50%)

Yellow (25%)

Blue (4%)

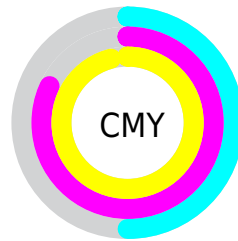


Cyan (0%)

Magenta (63%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (82%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F2F0B 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 7F2F0B by changing the saturation by 10% instead.



 7F2F0B

 7F2F0B

 FFFFF1

 631600

 BA6039

 460000

 D87A51

 2E0001

 F6946A

 000000

 FFAF84

 FFCB9E

 FFE7B9

 FFFFD5

 7F2F0B

 7F2F0B

■ 7F2700

■ 7F3818

■ 7F4124

■ 7F4931

■ 7F523E

■ 7F5B4B

■ 7F6457

■ 7F6C64

■ 7F7571

■ 7F7E7D

# Harmonies

## Analogous

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



8C1B32



7F2F0B



654200

# Triad

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



7F2F0B



005938



1C4594

# Complementary

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



7F2F0B



0B5B7F

# 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.



005296



7F2F0B



005A61

# Square

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



7F2F0B



00550D



005883



68307D

# Rectangle

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



7F2F0B



4F4B00



005883



004A97



# Sweetspot

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



7F2F0B



A68779



7F0B5C



544239



D4D4D4



545454



# Same Dimension

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



7F2F0B



A63300



7F680B



403B39



802800



000000



# Inverse Universe

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



0B5B7F



0072A6



0B227F



393E40



005880



000000



# Previews

## White Background



This preview shows how the Hex color 7F2F0B 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

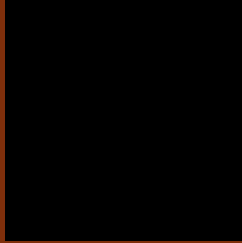
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7F2F0B Background



This preview shows how black text looks on a background with the Hex color 7F2F0B.



This preview shows how white text looks on a background with the Hex color 7F2F0B.

# 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



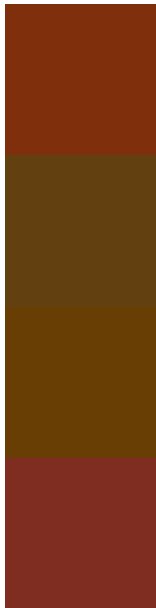
**Original Color**  
7F2F0B

**Protanopia**  
534A12

**Deuteranopia**  
5D4600



# Trichromacy



**Original Color**  
7F2F0B

**Protanomaly**  
63400F

**Deuteranomaly**  
693E04

**Tritanomaly**  
802D21

# Monochromacy



**Original Color**  
7F2F0B

**Achromatopsia**  
434343

**Achromatomaly**  
593C2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F2F0B 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 #7F2F0B looks like.

```
.text, #text, p{  
    color:#7F2F0B  
}
```

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 #7F2F0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F2F0B }  
}
```

## Border

The CSS property to change the border of an element to Hex 7F2F0B 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 #7F2F0B }  
}
```

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

```
.border{ border-color:#7F2F0B }
```

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

Here you see how a box with a 4 pixel #7F2F0B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F2F0B; -webkit-box-shadow:4px 4px  
4px 4px #7F2F0B; box-shadow:4px 4px 4px  
4px #7F2F0B }
```

# Background

The CSS property to change the background color of an element to Hex 7F2F0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F2F0B }
```

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

```
.background{ background-color:#7F2F0B }
```

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