

Converting Colors

Hex(7F570B)

Have a look what the booklet for
Hex(7F570B) contains.

Hex(7F570B)	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(7F570B)

Conversions

Conversions Part 1

Format	Color
Hex	7F570B
RGB	127, 87, 11
RGB Percent	50%, 34%, 4%
CMY	0.5020, 0.6588, 0.9569
CMYK	0.00, 0.31, 0.91, 0.50
HSL	39°, 84%, 27%
HSV	39°, 91%, 50%
XYZ	12.2210, 11.3526, 1.8638
YIQ	90.2960, 48.2360, -15.1560

Conversions

Conversions Part 2

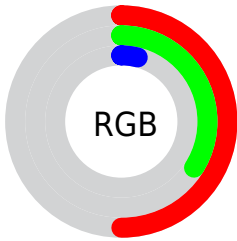
Format	Color
R_{YB}	72, 127, 11
Decimal	8345355
CIE Lab	40.17, 10.26, 45.30
CIE LCh	40, 46.445, 77.238
Yxy	11.3526, 0.4804, 0.4463
Android (android.graphics.Color)	4286535435 (0xFF7F570B)
YUV	90.2960, -39.0929, 32.1894
Hunter-Lab	33.6936, 5.7799, 20.3059

Details

The Hex color **7F570B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B337F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **B8893F**, and **492A00** is the 20% darker color. If you saturate the color by 10%, you get **7F5300**, and if you desaturate by 10%, it is **7F5B18**.

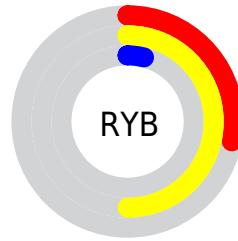
Distribution



Red (50%)

Green (34%)

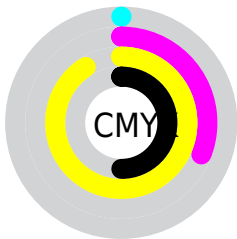
Blue (4%)



Red (28%)

Yellow (50%)

Blue (4%)

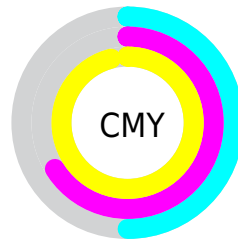


Cyan (0%)

Magenta (31%)

Yellow (91%)

Black (50%)



Cyan (50%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F570B 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 7F570B by changing the saturation by 10% instead.

 7F570B

 7F570B

 FFFFFC

 644000

 B8893F

 492A00

 D5A358

 2F1600

 F3BE72

 170000

 FFDA8C

 000000

 FFF6A7

 FFFFC3

 FFFFDF

 7F570B

 7F570B

■ 7F5300

■ 7F5B18

■ 7F6024

■ 7F6431

■ 7F693E

■ 7F6D4B

■ 7F7157

■ 7F7664

■ 7F7A71

■ 7F7E7D

Harmonies

Analogous

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



984728



7F570B



5D6309

Triad

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



7F570B



007174



7C4B93

Complementary

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



7F570B



0B337F

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.



3D5BA7



7F570B



006E96

Square

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



7F570B



006F4D



0068A9



9B3C71

Rectangle

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



7F570B



41691C



0068A9



6C509B

Sweetspot

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



7F570B



A69679



7F0B34



544B39



D4D4D4



545454

Same Dimension

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



7F570B



A66D00



6E7F0B



403E39



805400



000000

Inverse Universe

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



0B337F



0039A6



1C0B7F



393C40



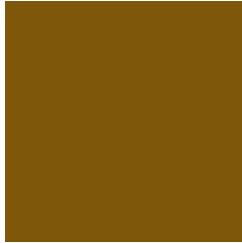
002C80



000000

Previews

White Background



This preview shows how the Hex color 7F570B looks on a white background.

Color Contrast Check

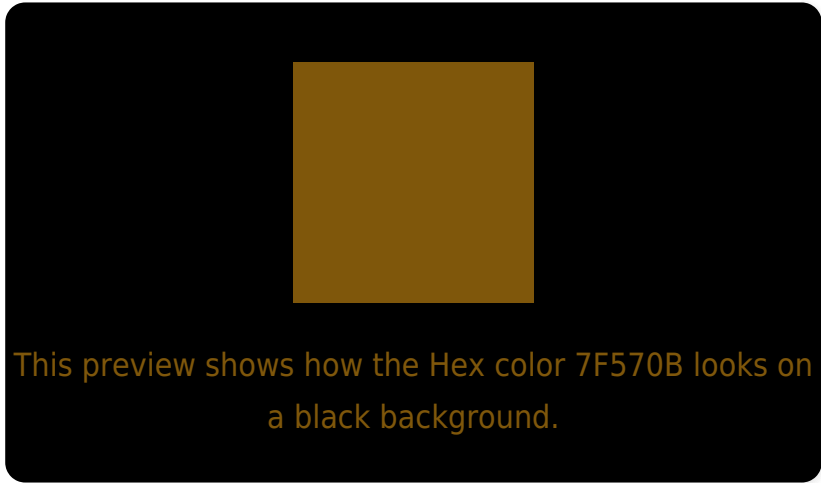
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F570B Background



This preview shows how black text looks on a background with the Hex color 7F570B.



This preview shows how white text looks on a background with the Hex color 7F570B.

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
7F570B

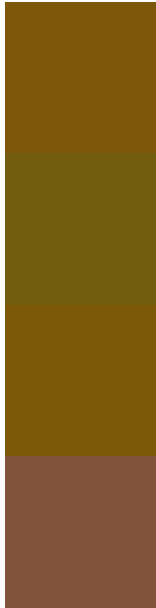
Protanopia
6B5F0E

Deuteranopia
785A06



Tritanopia
835157

Trichromacy



Original Color
7F570B

Protanomaly
725C0D

Deuteranomaly
7B5908

Tritanomaly
82533B

Monochromacy



Original Color
7F570B

Achromatopsia
5A5A5A

Achromatomaly
67593D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F570B 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 #7F570B looks like.

```
.text, #text, p{  
    color:#7F570B  
}
```

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 #7F570B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F570B
}
```

Border

The CSS property to change the border of an element to Hex 7F570B 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
#7F570B }
```

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

```
.border{ border-color:#7F570B }
```

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

Here you see how a box with a 4 pixel #7F570B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F570B; -webkit-box-shadow:4px 4px  
4px 4px #7F570B; box-shadow:4px 4px 4px  
4px #7F570B }
```

Background

The CSS property to change the background color of an element to Hex 7F570B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F570B }
```

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

```
.background{ background-color:#7F570B }
```

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