

# Converting Colors

Hex(71211B)

Have a look what the booklet for  
Hex(71211B) contains.

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# Color

**Hex(71211B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71211B
RGB	113, 33, 27
RGB Percent	44%, 13%, 11%
CMY	0.5569, 0.8706, 0.8941
CMYK	0.00, 0.71, 0.76, 0.56
HSL	4°, 61%, 27%
HSV	4°, 76%, 44%
XYZ	7.5517, 4.6776, 1.5417
YIQ	56.2360, 49.6060, 15.0940

# Conversions

## Conversions Part 2

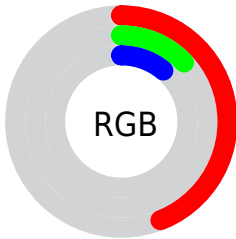
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 33, 27
Decimal	7414043
CIE <sub>Lab</sub>	25.80, 34.80, 23.68
CIE <sub>LCh</sub>	26, 42.088, 34.231
Yxy	4.6776, 0.5484, 0.3397
Android (android.graphics.Color)	4285604123 (0xFF71211B)
YUV	56.2360, -14.4133, 49.7820
Hunter-Lab	21.6277, 24.4785, 10.9128

# Details

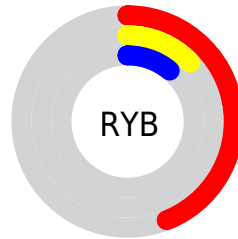
The Hex color **71211B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1B6B71**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **AA5347**, and **3A0000** is the 20% darker color. If you saturate the color by 10%, you get **711610**, and if you desaturate by 10%, it is **712C26**.

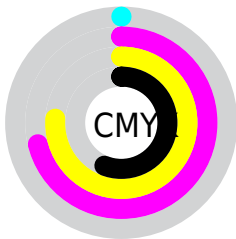
# Distribution



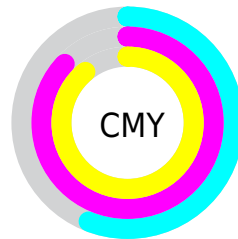
- Red (44%)
- Green (13%)
- Blue (11%)



- Red (44%)
- Yellow (13%)
- Blue (11%)



- Cyan (0%)
- Magenta (71%)
- Yellow (76%)
- Black (56%)




- Cyan (56%)
- Magenta (87%)
- Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 71211B 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 71211B by changing the saturation by 10% instead.



 71211B

 71211B

FFFFFF

 560402

 AA5347

 3A0000

 C76C5F

 1E0001

 E58677


 000000


 FFA191

 FFBCAC

 FFD9C7

 FFF5E3

 71211B

 71211B

■ 711610

■ 712C26

■ 710C04

■ 713632

■ 710800

■ 71413D

■ 714B48

■ 715654

■ 71605F

■ 716B6A

■ 717575

■ 718081

# Harmonies

## Analogous

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



74183A



71211B



613100

# Triad

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



71211B



00491F



00407D

# Complementary

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



71211B



1B6B71

# 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.



004877



71211B



004B41

# Square

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



71211B



264500



004B60



423272

# Rectangle

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



71211B



513A00



004B60



00437D



# Sweetspot

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



71211B



947472



711B6B



4A3735



C9C9C9



4A4A4A



# Same Dimension

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



71211B



94170D



714C1B



383332



780800



F71100



# Inverse Universe

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



1B6B71



0D8B94



1B4071



323838



006F78



00E6F7



# Previews

## White Background



This preview shows how the Hex color 71211B 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

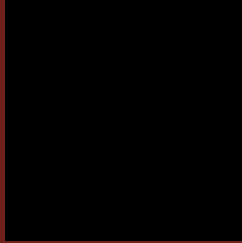
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 71211B Background



This preview shows how black text looks on a background with the Hex color 71211B.

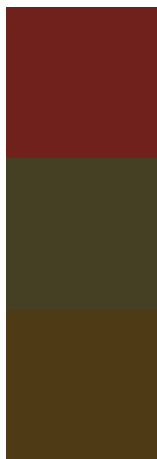


This preview shows how white text looks on a background with the Hex color 71211B.

# 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**  
71211B

**Protanopia**  
453F24

**Deuteranopia**  
4E3B15



# Trichromacy



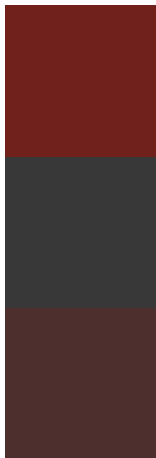
**Original Color**  
71211B

**Protanomaly**  
553421

**Deuteranomaly**  
5B3217

**Tritanomaly**  
71201F

# Monochromacy



**Original Color**  
71211B

**Achromatopsia**  
383838

**Achromatomaly**  
4D302D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71211B 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 #71211B looks like.

```
.text, #text, p{  
    color:#71211B  
}
```

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 #71211B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71211B
}
```

## Border

The CSS property to change the border of an element to Hex 71211B 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".

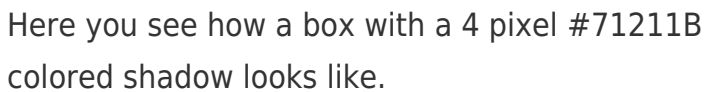
```
.border, #border, table{ border:4px solid
#71211B }
```

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

```
.border{ border-color:#71211B }
```

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

Here you see how a box with a 4 pixel #71211B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #71211B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71211B; -webkit-box-shadow:4px 4px  
4px 4px #71211B; box-shadow:4px 4px 4px  
4px #71211B }
```

# Background

The CSS property to change the background color of an element to Hex 71211B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71211B }
```

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

```
.background{ background-color:#71211B }
```

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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