

# Converting Colors

Hex(72581B)

Have a look what the booklet for  
Hex(72581B) contains.

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**Color**

**Hex(72581B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	72581B
RGB	114, 88, 27
RGB Percent	45%, 35%, 11%
CMY	0.5529, 0.6549, 0.8941
CMYK	0.00, 0.23, 0.76, 0.55
HSL	42°, 62%, 28%
HSV	42°, 76%, 45%
XYZ	10.6270, 10.6360, 2.5298
YIQ	88.8200, 35.0770, -13.4590

# Conversions

## Conversions Part 2

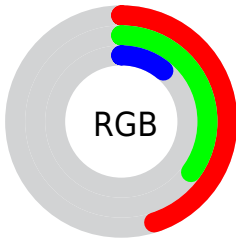
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 114, 27
Decimal	7493659
CIELab	38.96, 3.98, 37.69
CIElCh	39, 37.899, 83.976
Yxy	10.6360, 0.4466, 0.4470
Android (android.graphics.Color)	4285683739 (0xFF72581B)
YUV	88.8200, -30.4773, 22.0829
Hunter-Lab	32.6129, 1.0922, 18.2299

# Details

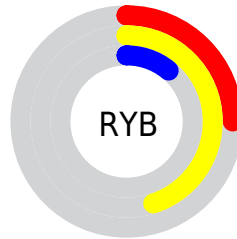
The Hex color **72581B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1B3572**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A98A4B**, and **3F2B00** is the 20% darker color. If you saturate the color by 10%, you get **725510**, and if you desaturate by 10%, it is **725B26**.

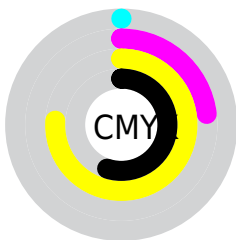
# Distribution



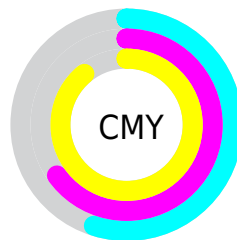
- Red (45%)
- Green (35%)
- Blue (11%)



- Red (25%)
- Yellow (45%)
- Blue (11%)



- Cyan (0%)
- Magenta (23%)
- Yellow (76%)
- Black (55%)



- Cyan (55%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72581B 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 72581B by changing the saturation by 10% instead.



 72581B

 72581B

FFFFFF

 584101


 A98A4B

 3F2B00

 C5A464

 251700

 E2BF7D

 000000

 FFDB98

 FFF7B3

 FFFFCF

 FFFFEB

 72581B

 72581B

■ 725510

■ 725B26

■ 725104

■ 725F32

■ 725000

■ 72623D

■ 726649

■ 726954

■ 726C5F

■ 72706B

■ 727376

■ 727782

# Harmonies

## Analogous

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



884C2A



72581B



546120

# Triad

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



72581B



006B74



7B4980

# Complementary

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



72581B



1B3572

# 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.



525694



72581B



00688D

# Square

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



72581B



006A54



006199



914163

# Rectangle

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



72581B



3C662D



006199



704E88



# Sweetspot

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



72581B



948A72



721B35



4A4435



C9C9C9



4A4A4A



# Same Dimension

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



72581B



946B0C



61721B



383632



785400



F7AD00



# Inverse Universe

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



1B3572



0C3494



2C1B72



323438



002478



004AF7



# Previews

## White Background



This preview shows how the Hex color 72581B looks on a white background.

## Color Contrast Check

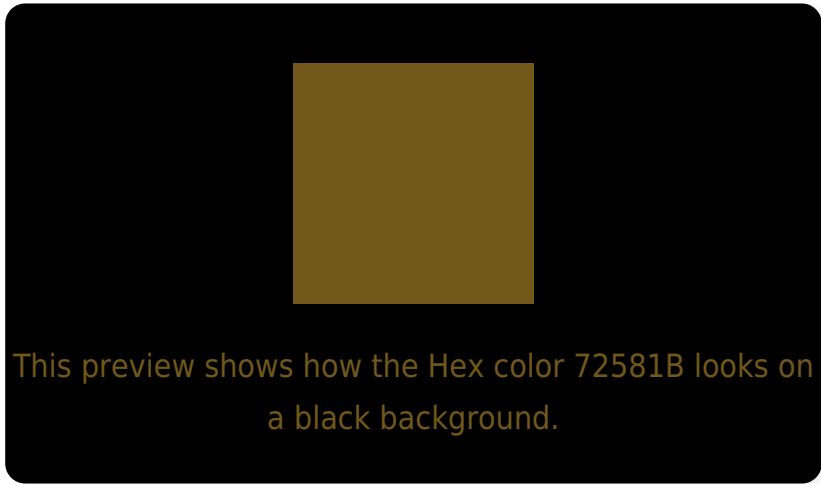
Large Text (above 18pt) WCAG AA ✓ Pass

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 72581B Background



This preview shows how black text looks on a background with the Hex color 72581B.



This preview shows how white text looks on a background with the Hex color 72581B.

# 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**  
72581B

**Protanopia**  
675C1C

**Deuteranopia**  
73571B



**Tritanopia**  
765258

# Trichromacy



**Original Color**  
72581B

**Protanomaly**  
6B5B1C

**Deuteranomaly**  
73571B

**Tritanomaly**  
755442

# Monochromacy



**Original Color**  
72581B

**Achromatopsia**  
595959

**Achromatomaly**  
625942

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72581B 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 #72581B looks like.

```
.text, #text, p{  
    color:#72581B  
}
```

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 #72581B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72581B
}
```

## Border

The CSS property to change the border of an element to Hex 72581B 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
#72581B }
```

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

```
.border{ border-color:#72581B }
```

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

Here you see how a box with a 4 pixel #72581B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72581B; -webkit-box-shadow:4px 4px  
4px 4px #72581B; box-shadow:4px 4px 4px  
4px #72581B }
```

# Background

The CSS property to change the background color of an element to Hex 72581B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72581B }
```

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

```
.background{ background-color:#72581B }
```

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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