

# Converting Colors

Hex(71572B)

Have a look what the booklet for  
Hex(71572B) contains.

<b>Hex(71572B)</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(71572B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71572B
RGB	113, 87, 43
RGB Percent	44%, 34%, 17%
CMY	0.5569, 0.6588, 0.8314
CMYK	0.00, 0.23, 0.62, 0.56
HSL	38°, 45%, 31%
HSV	38°, 62%, 44%
XYZ	10.6543, 10.5015, 3.7510
YIQ	89.7580, 29.6200, -8.1720

# Conversions

## Conversions Part 2

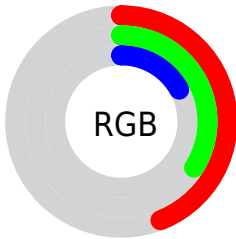
Format	Color
R <sub>Y</sub> B	84, 113, 43
Decimal	7427883
CIE Lab	38.73, 5.19, 29.28
CIE LCh	39, 29.738, 79.956
Yxy	10.5015, 0.4278, 0.4216
Android (android.graphics.Color)	4285617963 (0xFF71572B)
YUV	89.7580, -23.0517, 20.3832
Hunter-Lab	32.4060, 1.9757, 15.8215

# Details

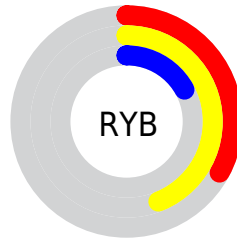
The Hex color **71572B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2B4571**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A7895A**, and **3F2A00** is the 20% darker color. If you saturate the color by 10%, you get **715320**, and if you desaturate by 10%, it is **715B36**.

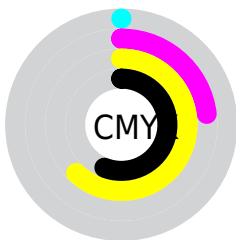
# Distribution



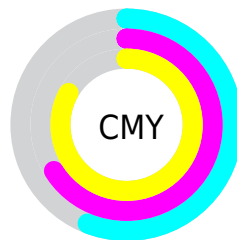
- Red (44%)
- Green (34%)
- Blue (17%)



- Red (33%)
- Yellow (44%)
- Blue (17%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (56%)




- Cyan (56%)
- Magenta (66%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71572B 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 71572B by changing the saturation by 10% instead.



 71572B

 71572B

FFFFFF

 574015

 A7895A

 3F2A00

 C3A373

 261600

 DFBE8D


 000000

 FDDAA7

 FFF6C3

 FFFFDF

 FFFFFC

 71572B

 71572B

■ 715320

■ 715B36

■ 714F14

■ 715F42

■ 714A09

■ 71644D

■ 714700

■ 716858

■ 716C64

■ 71706F

■ 71747A

■ 717985

■ 717D91

# Harmonies

## Analogous

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



824E37



71572B



5A5F2C

# Triad

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



71572B



00686B



714F7A

# Complementary

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



71572B



2B4571

# 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.



515888



71572B



00657F

# Square

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



71572B



166752



1E608A



844864

# Rectangle

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



71572B



486335



1E608A



685280



# Sweetspot

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



71572B



948978



712B46



4A4439



C9C9C9



4A4A4A



# Same Dimension

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



71572B



946B26



69712B



383632



784B00



F79B00



# Inverse Universe

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



2B4571



264F94



332B71



323538



002D78



005CF7



# Previews

## White Background



This preview shows how the Hex color 71572B looks on a white background.

## Color Contrast Check

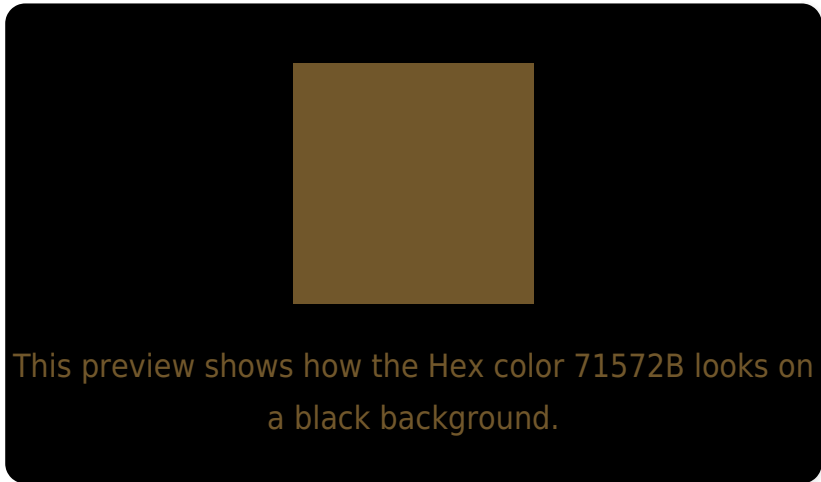
Large Text (above 18pt) WCAG AA ✓ Pass

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

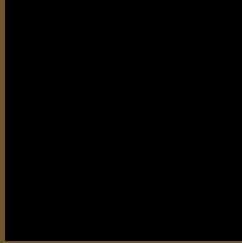
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 71572B Background



This preview shows how black text looks on a background with the Hex color 71572B.



This preview shows how white text looks on a background with the Hex color 71572B.

# 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**  
71572B

**Protanopia**  
655C2C

**Deuteranopia**  
71572B



**Tritanopia**  
755258

# Trichromacy



**Original Color**  
71572B

**Protanomaly**  
695A2C

**Deuteranomaly**  
71572B

**Tritanomaly**  
745448

# Monochromacy



**Original Color**  
71572B

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
625949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71572B 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 #71572B looks like.

```
.text, #text, p{  
    color:#71572B  
}
```

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 #71572B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71572B
}
```

## Border

The CSS property to change the border of an element to Hex 71572B is called "border". The border property can be set on classes, ids or directly on the HTML element.

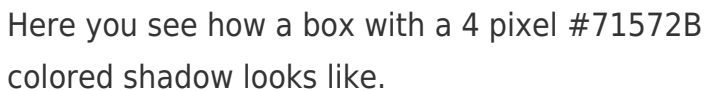
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71572B }
```

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

```
.border{ border-color:#71572B }
```

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



Here you see how a box with a 4 pixel #71572B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71572B; -webkit-box-shadow:4px 4px  
4px 4px #71572B; box-shadow:4px 4px 4px  
4px #71572B }
```

# Background

The CSS property to change the background color of an element to Hex 71572B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71572B }
```

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

```
.background{ background-color:#71572B }
```

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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