

# Converting Colors

Hex(713701)

Have a look what the booklet for  
Hex(713701) contains.

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**Color**

**Hex(713701)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	713701
RGB	113, 55, 1
RGB Percent	44%, 22%, 0%
CMY	0.5569, 0.7843, 0.9961
CMYK	0.00, 0.51, 0.99, 0.56
HSL	29°, 98%, 22%
HSV	29°, 99%, 44%
XYZ	8.1817, 6.2453, 0.8030
YIQ	66.1860, 51.9020, -4.4980

# Conversions

## Conversions Part 2

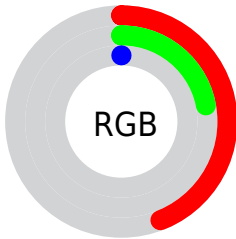
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 105, 1
Decimal	7419649
CIE Lab	30.02, 22.39, 40.28
CIE LCh	30, 46.086, 60.927
Yxy	6.2453, 0.5372, 0.4101
Android (android.graphics.Color)	4285609729 (0xFF713701)
YUV	66.1860, -32.1367, 41.0559
Hunter-Lab	24.9906, 14.7061, 15.5884

# Details

The Hex color **713701** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **013B71**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **AA6732**, and **3A0B00** is the 20% darker color. If you saturate the color by 10%, you get **713600**, and if you desaturate by 10%, it is **713D0C**.

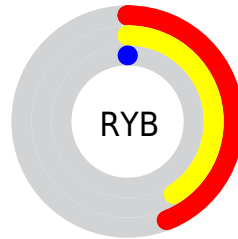
# Distribution



Red (44%)

Green (22%)

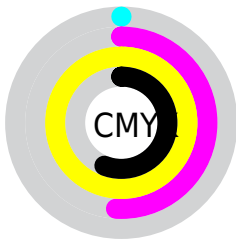
Blue (0%)



Red (44%)

Yellow (41%)

Blue (0%)

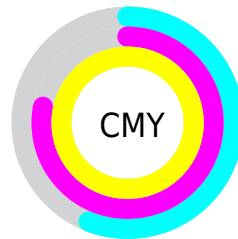


Cyan (0%)

Magenta (51%)

Yellow (99%)

Black (56%)



Cyan (56%)

Magenta (78%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 713701 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 713701 by changing the saturation by 10% instead.



 713701

 713701

 FFFFEA

 562100

 AA6732

 3A0B00

 C7804A

 240001

 E59A63

 000000


 FFB57C

 FFD197

 FFEDB2

 FFFFCD

 713701

 713701

■ 713600

■ 713D0C

■ 714318

■ 714923

■ 714E2E

■ 71543A

■ 715A45

■ 716050

■ 71665B

■ 716C67

# Harmonies

## Analogous

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



822524



713701



564600

# Triad

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



713701



005647



453D85

# Complementary

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



713701



013B71

# 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.



004B8F



713701



00566B

# Square

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



713701



005421



005385



722A6A

# Rectangle

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



713701



3F4C00



005385



2B428A



# Sweetspot

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



713701



947D68



71013D



4A3C2F



C9C9C9



4A4A4A



# Same Dimension

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



713701



944700



716D01



383532



783A00



F77700



# Inverse Universe

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



013B71



004D94



010571



323538



003E78

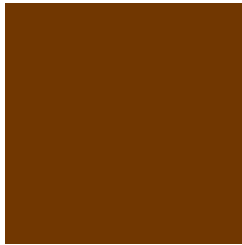


0080F7



# Previews

## White Background



This preview shows how the Hex color 713701 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

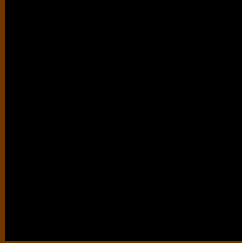
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 713701 Background



This preview shows how black text looks on a background with the Hex color 713701.



This preview shows how white text looks on a background with the Hex color 713701.

# 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**  
713701

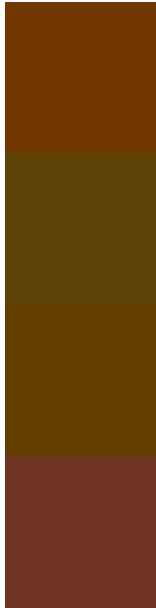
**Protanopia**  
51480A

**Deuteranopia**  
5A4400



**Tritanopia**  
733337

# Trichromacy



**Original Color**  
713701

**Protanomaly**  
5D4207

**Deuteranomaly**  
623F00

**Tritanomaly**  
723423

# Monochromacy



**Original Color**  
713701

**Achromatopsia**  
424242

**Achromatomaly**  
533E2A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 713701 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 #713701 looks like.

```
.text, #text, p{  
    color:#713701  
}
```

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 #713701 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713701
}
```

## Border

The CSS property to change the border of an element to Hex 713701 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
#713701 }
```

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

```
.border{ border-color:#713701 }
```

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

Here you see how a box with a 4 pixel #713701 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713701; -webkit-box-shadow:4px 4px  
4px 4px #713701; box-shadow:4px 4px 4px  
4px #713701 }
```

# Background

The CSS property to change the background color of an element to Hex 713701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713701 }
```

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

```
.background{ background-color:#713701 }
```

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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