

# Converting Colors

Hex(735C29)

Have a look what the booklet for  
Hex(735C29) contains.

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**Color**

**Hex(735C29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735C29
RGB	115, 92, 41
RGB Percent	45%, 36%, 16%
CMY	0.5490, 0.6392, 0.8392
CMYK	0.00, 0.20, 0.64, 0.55
HSL	41°, 47%, 31%
HSV	41°, 64%, 45%
XYZ	11.2976, 11.4592, 3.7142
YIQ	93.0630, 30.0790, -10.9850

# Conversions

## Conversions Part 2

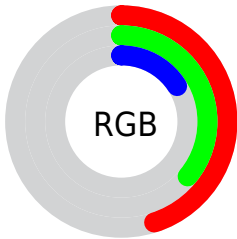
Format	Color
<b>RYB</b>	74, 115, 41
Decimal	7560233
CIELab	40.34, 2.98, 32.28
CIElCh	40, 32.418, 84.725
Yxy	11.4592, 0.4268, 0.4329
Android (android.graphics.Color)	4285750313 (0xFF735C29)
YUV	93.0630, -25.6671, 19.2387
Hunter-Lab	33.8515, 0.3326, 17.1907

# Details

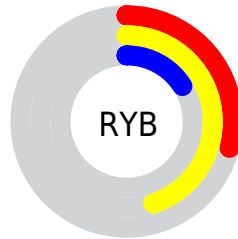
The Hex color **735C29** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **294073**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A98E58**, and **402E00** is the 20% darker color. If you saturate the color by 10%, you get **73581E**, and if you desaturate by 10%, it is **736035**.

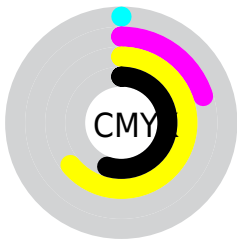
# Distribution



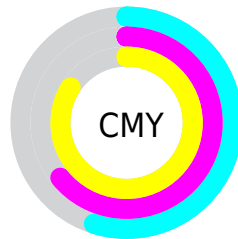
- Red (45%)
- Green (36%)
- Blue (16%)



- Red (29%)
- Yellow (45%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (64%)
- Black (55%)



- Cyan (55%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735C29 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 735C29 by changing the saturation by 10% instead.



 735C29

 735C29

FFFFFF

 594512

 A98E58

 402E00

 C5A871

 281A00

 E2C48B

 0A0000

 FFDF A6

 000000

 FFFCC1

 FFFFDD

 FFFFFA

 735C29

 735C29

■ 73581E

■ 736035

■ 735512

■ 736340

■ 735107

■ 73674C

■ 734F00

■ 736A57

■ 736E63

■ 73716E

■ 73757A

■ 737985

■ 737C91

# Harmonies

## Analogous

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



875235



735C29



59642D

# Triad

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



735C29



006C74



7B507E

# Complementary

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



735C29



294073

# 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.



5A5A8F



735C29



00698A

# Square

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



735C29



006C59



236394



8E4965

# Rectangle

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



735C29



456838



236394



725385



# Sweetspot

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



735C29



968E7A



732940



4D473B



CCCCCC



4D4D4D



# Same Dimension

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



735C29



967223



657329



3B3935



7A5400



FAAC00



# Inverse Universe

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



294073



234796



372973



35373B



00267A



004EFA



# Previews

## White Background



This preview shows how the Hex color 735C29 looks on a white background.

## Color Contrast Check

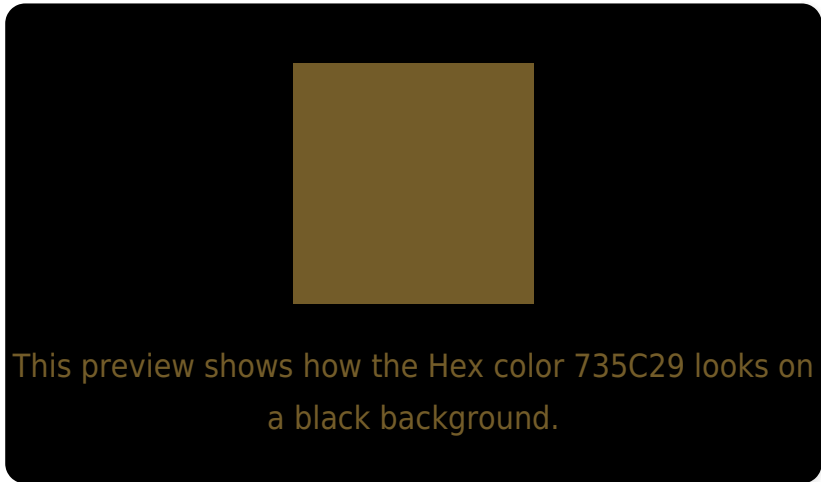
Large Text (above 18pt) WCAG AA ✓ Pass

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

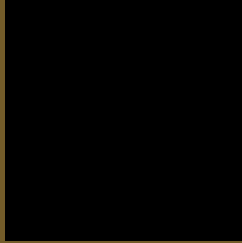
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735C29 Background



This preview shows how black text looks on a background with the Hex color 735C29.



This preview shows how white text looks on a background with the Hex color 735C29.

# 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**  
735C29

**Protanopia**  
6A5F2A

**Deuteranopia**  
765B29



**Tritanopia**  
77565D

# Trichromacy



**Original Color**  
735C29

**Protanomaly**  
6D5E2A

**Deuteranomaly**  
755B29

**Tritanomaly**  
76584A

# Monochromacy



**Original Color**  
735C29

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
655D4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735C29 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 #735C29 looks like.

```
.text, #text, p{  
    color:#735C29  
}
```

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 #735C29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735C29
}
```

## Border

The CSS property to change the border of an element to Hex 735C29 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
#735C29 }
```

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

```
.border{ border-color:#735C29 }
```

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

Here you see how a box with a 4 pixel #735C29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735C29; -webkit-box-shadow:4px 4px  
4px 4px #735C29; box-shadow:4px 4px 4px  
4px #735C29 }
```

# Background

The CSS property to change the background color of an element to Hex 735C29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735C29 }
```

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

```
.background{ background-color:#735C29 }
```

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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