

# Converting Colors

Hex(733D2F)

Have a look what the booklet for  
Hex(733D2F) contains.

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# Color

Hex(733D2F)

# Conversions

## Conversions Part 1

Format	Color
Hex	733D2F
RGB	115, 61, 47
RGB Percent	45%, 24%, 18%
CMY	0.5490, 0.7608, 0.8157
CMYK	0.00, 0.47, 0.59, 0.55
HSL	12°, 42%, 32%
HSV	12°, 59%, 45%
XYZ	9.2521, 7.1876, 3.5890
YIQ	75.5500, 36.6780, 7.0940

# Conversions

## Conversions Part 2

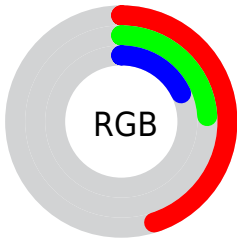
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 65, 47
Decimal	7552303
CIE Lab	32.23, 22.12, 19.03
CIE LCh	32, 29.176, 40.709
Yxy	7.1876, 0.4619, 0.3589
Android (android.graphics.Color)	4285742383 (0xFF733D2F)
YUV	75.5500, -14.0751, 34.5977
Hunter-Lab	26.8096, 14.6839, 10.8295

# Details

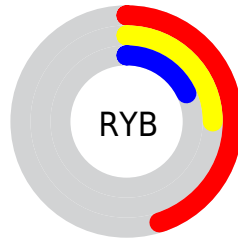
The Hex color **733D2F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2F6573**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **AA6D5D**, and **3F1000** is the 20% darker color. If you saturate the color by 10%, you get **733424**, and if you desaturate by 10%, it is **73463B**.

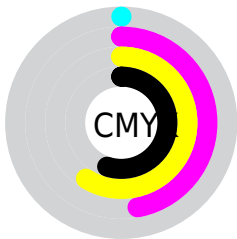
# Distribution



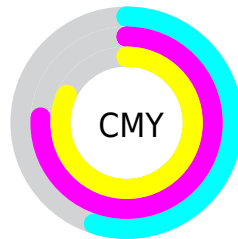
- Red (45%)
- Green (24%)
- Blue (18%)



- Red (45%)
- Yellow (25%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (59%)
- Black (55%)



- Cyan (55%)
- Magenta (76%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 733D2F 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 733D2F by changing the saturation by 10% instead.





733D2F



733D2F

FFFFFF



59261A



AA6D5D



3F1000



C68776



280000



E3A190



000000



FFBDAA



FFD9C5



FFF5E1

FFFFFFE



733D2F



733D2F

■ 733424

■ 73463B

■ 732B18

■ 734F46

■ 73220D

■ 735852

■ 731801

■ 73625D

■ 731800

■ 736B69

■ 737474

■ 737D80

■ 73868B

■ 738F97

# Harmonies

## Analogous

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



773844



733D2F



654520

# Triad

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



733D2F



14563C



344B79

# Complementary

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



733D2F



2F6573

# 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.



005277



733D2F



005754

# Square

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



733D2F



385328



005669



58436F

# Rectangle

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



733D2F



594B1C



005669



224E7A



# Sweetspot

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



733D2F



96817B



732F65



4D3F3C



CCCCCC



4D4D4D



# Same Dimension

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



733D2F



96422C



735F2F



3B3635



7A1900



FA3300



# Inverse Universe

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



2F6573



2C8096



2F4373



35393B



00617A



00C6FA



# Previews

## White Background



This preview shows how the Hex color 733D2F 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

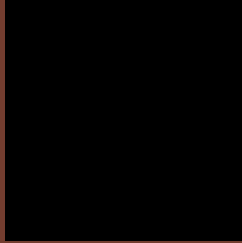
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 733D2F Background



This preview shows how black text looks on a background with the Hex color 733D2F.

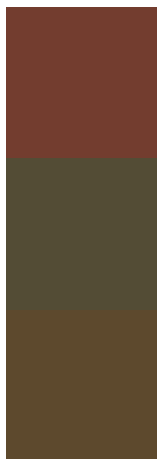


This preview shows how white text looks on a background with the Hex color 733D2F.

# 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**  
733D2F

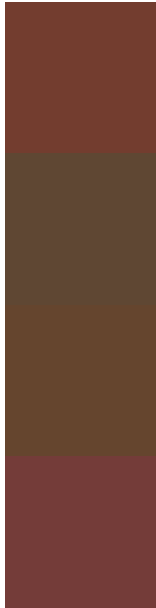
**Protanopia**  
534C35

**Deuteranopia**  
5D492D



**Tritanopia**  
743B3F

# Trichromacy



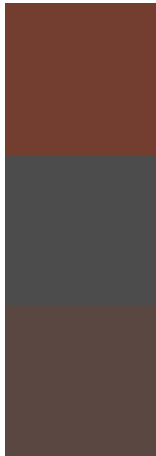
**Original Color**  
733D2F

**Protanomaly**  
5F4733

**Deuteranomaly**  
65452E

**Tritanomaly**  
743C39

# Monochromacy



**Original Color**  
733D2F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
5A4741

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 733D2F 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 #733D2F looks like.

```
.text, #text, p{  
    color:#733D2F  
}
```

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 #733D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #733D2F
}
```

## Border

The CSS property to change the border of an element to Hex 733D2F 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".

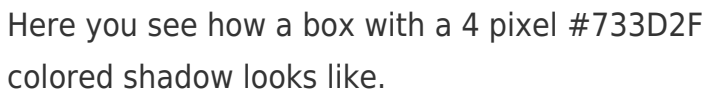
```
.border, #border, table{ border:4px solid
#733D2F }
```

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

```
.border{ border-color:#733D2F }
```

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

Here you see how a box with a 4 pixel #733D2F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #733D2F; -webkit-box-shadow:4px 4px  
4px 4px #733D2F; box-shadow:4px 4px 4px  
4px #733D2F }
```

# Background

The CSS property to change the background color of an element to Hex 733D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#733D2F }
```

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

```
.background{ background-color:#733D2F }
```

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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