

# Converting Colors

Hex(763C28)

Have a look what the booklet for  
Hex(763C28) contains.

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**Color**

**Hex(763C28)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763C28
RGB	118, 60, 40
RGB Percent	46%, 24%, 16%
CMY	0.5373, 0.7647, 0.8431
CMYK	0.00, 0.49, 0.66, 0.54
HSL	15°, 49%, 31%
HSV	15°, 66%, 46%
XYZ	9.4701, 7.2365, 2.9051
YIQ	75.0620, 40.9880, 6.0760

# Conversions

## Conversions Part 2

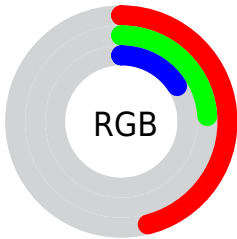
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 67, 40
Decimal	7748648
CIE <sub>Lab</sub>	32.34, 23.44, 23.58
CIE <sub>LCh</sub>	32, 33.248, 45.173
Yxy	7.2365, 0.4829, 0.3690
Android (android.graphics.Color)	4285938728 (0xFF763C28)
YUV	75.0620, -17.2856, 37.6566
Hunter-Lab	26.9007, 15.7626, 12.4275

# Details

The Hex color **763C28** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **286276**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AE6C56**, and **410F00** is the 20% darker color. If you saturate the color by 10%, you get **76331C**, and if you desaturate by 10%, it is **764534**.

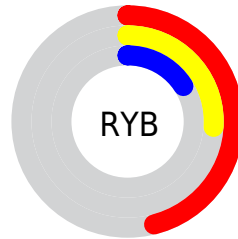
# Distribution



Red (46%)

Green (24%)

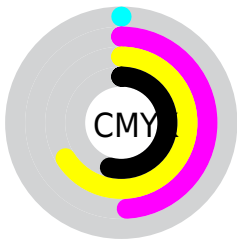
Blue (16%)



Red (46%)

Yellow (26%)

Blue (16%)

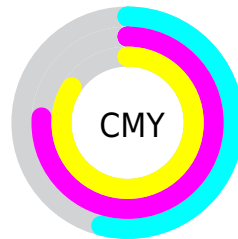


Cyan (0%)

Magenta (49%)

Yellow (66%)

Black (54%)



Cyan (54%)

Magenta (76%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763C28 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 763C28 by changing the saturation by 10% instead.



 763C28

 763C28

FFFFFF

 5B2513

 AE6C56

 410F00

 CA866E

 290000

 E8A088

 000000

 FFBCA2

 FFD8BD

 FFF4D9

 FFFFF5

 763C28

 763C28

 76331C

 764534

 762A10

 764E40

 762205

 76564B

 761E00

 765F57

 766863

 76716F

 76797B

 768286

 768B92

# Harmonies

## Analogous

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



7C3540



763C28



654618

# Triad

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



763C28



00583E



364A7F

# Complementary

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



763C28



286276

# 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.



00537E



763C28



005959

# Square

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



763C28



305525



005771



5F4071

# Rectangle

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



763C28



564C14



005771



204D80



# Sweetspot

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



763C28



99827A



762862



4D3F3A



CCCCCC



4D4D4D



# Same Dimension

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



763C28



993F20



766228



3B3635



7A1F00



FA4000



# Inverse Universe

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



286276



207A99



283B76



35393B



005B7A



00BAFA



# Previews

## White Background



This preview shows how the Hex color 763C28 looks on a white background.

## Color Contrast Check

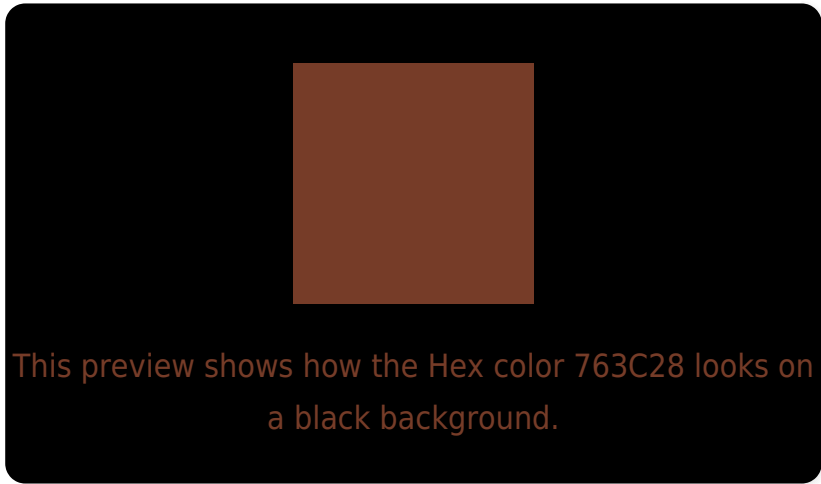
Large Text (above 18pt) WCAG AA ✓ Pass

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

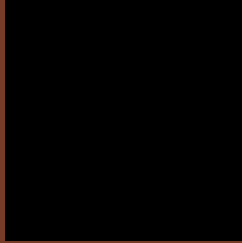
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763C28 Background



This preview shows how black text looks on a background with the Hex color 763C28.



This preview shows how white text looks on a background with the Hex color 763C28.

# 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**  
763C28

**Protanopia**  
544D2E

**Deuteranopia**  
5F4925



**Tritanopia**  
77393D

# Trichromacy



**Original Color**  
763C28

**Protanomaly**  
60472C

**Deuteranomaly**  
674426

**Tritanomaly**  
773A35

# Monochromacy



**Original Color**  
763C28

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
5B463E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763C28 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 #763C28 looks like.

```
.text, #text, p{  
    color:#763C28  
}
```

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 #763C28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763C28  
}
```

## Border

The CSS property to change the border of an element to Hex 763C28 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".

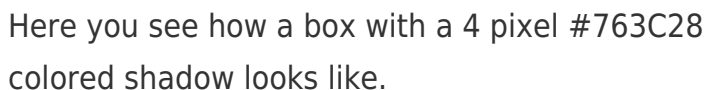
```
.border, #border, table{ border:4px solid  
#763C28 }
```

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

```
.border{ border-color:#763C28 }
```

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

Here you see how a box with a 4 pixel #763C28 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763C28; -webkit-box-shadow:4px 4px  
4px 4px #763C28; box-shadow:4px 4px 4px  
4px #763C28 }
```

# Background

The CSS property to change the background color of an element to Hex 763C28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763C28 }
```

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

```
.background{ background-color:#763C28 }
```

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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