

# Converting Colors

Hex(763225)

Have a look what the booklet for  
Hex(763225) contains.

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# Color

Hex(763225)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	763225
RGB	118, 50, 37
RGB Percent	46%, 20%, 15%
CMY	0.5373, 0.8039, 0.8549
CMYK	0.00, 0.58, 0.69, 0.54
HSL	10°, 52%, 30%
HSV	10°, 69%, 46%
XYZ	8.9457, 6.2663, 2.4883
YIQ	68.8500, 44.7010, 10.3730

# Conversions

## Conversions Part 2

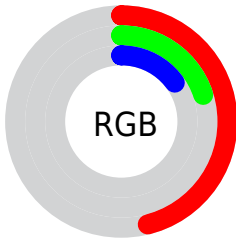
Format	Color
<b>R<sub>YB</sub></b>	118, 52, 37
Decimal	7746085
CIE Lab	30.07, 28.84, 22.68
CIE LCh	30, 36.692, 38.186
Yxy	6.2663, 0.5054, 0.3540
Android (android.graphics.Color)	4285936165 (0xFF763225)
YUV	68.8500, -15.7020, 43.1046
Hunter-Lab	25.0326, 19.9822, 11.6293

# Details

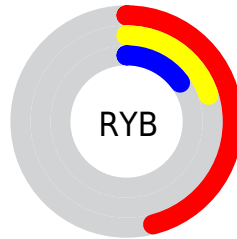
The Hex color **763225** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **256976**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **AE6352**, and **400200** is the 20% darker color. If you saturate the color by 10%, you get **762819**, and if you desaturate by 10%, it is **763C31**.

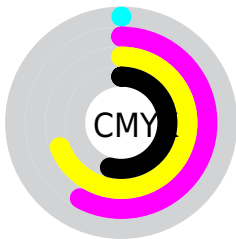
# Distribution



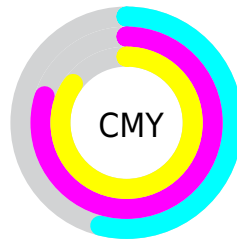
- Red (46%)
- Green (20%)
- Blue (15%)



- Red (46%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 763225 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 763225 by changing the saturation by 10% instead.



 763225

 763225

FFFFFF

 5B1A10

 AE6352

 400200

 CB7C6A

 2A0001

 E99684

 000000

 FFB19E

 FFCDB9

 FFEAD5

 FFFFF1

 763225

 763225

■ 762819

■ 763C31

■ 761E0D

■ 76463D

■ 761402

■ 765048

■ 761300

■ 765A54

■ 766460

■ 766D6C

■ 767778

■ 768183

■ 768B8F

# Harmonies

## Analogous

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



7A2B40



763225



663E0F

# Triad

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



763225



005330



14487F

# Complementary

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



763225



256976

# 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.



004F7C



763225



00544E

# Square

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



763225



304F16



005369



523C74

# Rectangle

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



763225



574506



005369



004B80



# Sweetspot

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



763225



997E79



76256A



4D3C39



CCCCCC



4D4D4D



# Same Dimension

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



763225



99301C



765A25



3B3635



7A1400



FA2800



# Inverse Universe

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



256976



1C8599



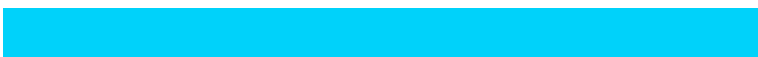
254176



353A3B



00677A



00D2FA



# Previews

## White Background



This preview shows how the Hex color 763225 looks on a white background.

## Color Contrast Check

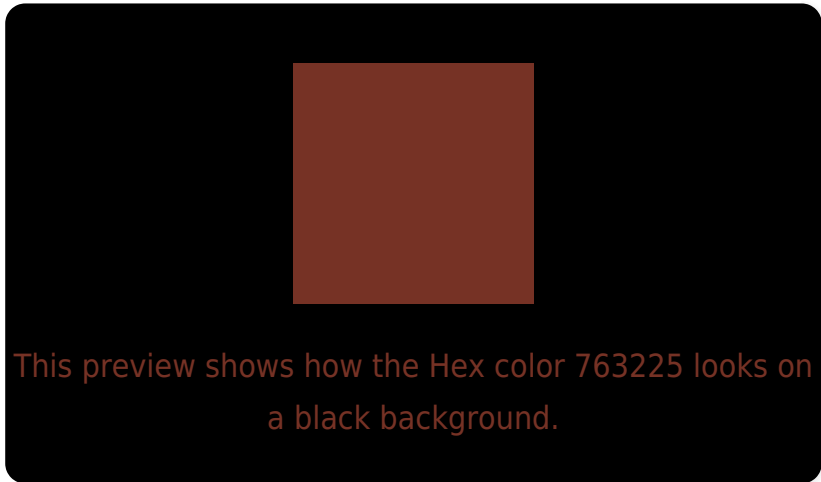
Large Text (above 18pt) WCAG AA ✓ Pass

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

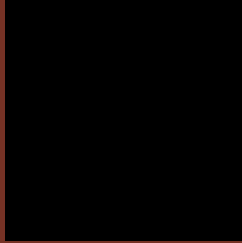
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 763225 Background



This preview shows how black text looks on a background with the Hex color 763225.



This preview shows how white text looks on a background with the Hex color 763225.

# 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**  
763225

**Protanopia**  
4E482D

**Deuteranopia**  
594421



# Trichromacy



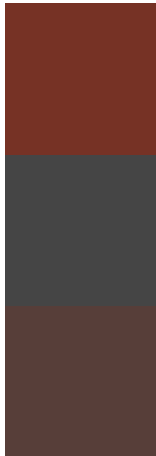
**Original Color**  
763225

**Protanomaly**  
5D402A

**Deuteranomaly**  
643D22

**Tritanomaly**  
77312E

# Monochromacy



**Original Color**  
763225

**Achromatopsia**  
454545

**Achromatomaly**  
573E39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 763225 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 #763225 looks like.

```
.text, #text, p{  
    color:#763225  
}
```

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 #763225 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763225
}
```

## Border

The CSS property to change the border of an element to Hex 763225 is called "border". The border property can be set on classes, ids or directly on the HTML element.

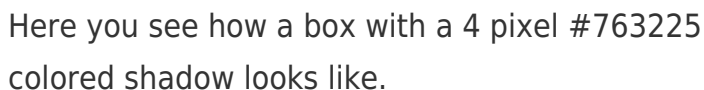
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#763225 }
```

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

```
.border{ border-color:#763225 }
```

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



Here you see how a box with a 4 pixel #763225 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763225; -webkit-box-shadow:4px 4px  
4px 4px #763225; box-shadow:4px 4px 4px  
4px #763225 }
```

# Background

The CSS property to change the background color of an element to Hex 763225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763225 }
```

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

```
.background{ background-color:#763225 }
```

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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