

# Converting Colors

Hex(735645)

Have a look what the booklet for  
Hex(735645) contains.

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**Color**

**Hex(735645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735645
RGB	115, 86, 69
RGB Percent	45%, 34%, 27%
CMY	0.5490, 0.6627, 0.7294
CMYK	0.00, 0.25, 0.40, 0.55
HSL	22°, 25%, 36%
HSV	22°, 40%, 45%
XYZ	11.4722, 10.7301, 7.0967
YIQ	92.7330, 22.7410, 0.8610

# Conversions

## Conversions Part 2

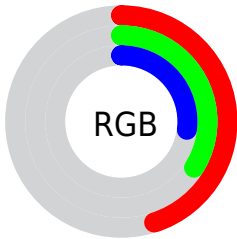
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 96, 69
Decimal	7558725
CIE <sub>Lab</sub>	39.12, 9.50, 14.55
CIE <sub>LCh</sub>	39, 17.380, 56.847
Yxy	10.7301, 0.3916, 0.3662
Android (android.graphics.Color)	4285748805 (0xFF735645)
YUV	92.7330, -11.7004, 19.5282
Hunter-Lab	32.7568, 5.1904, 10.0847

# Details

The Hex color **735645** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **456273**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A88875**, and **41291A** is the 20% darker color. If you saturate the color by 10%, you get **734F3A**, and if you desaturate by 10%, it is **735D51**.

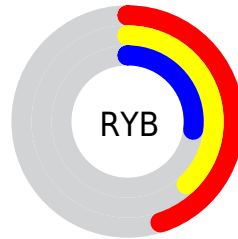
# Distribution



Red (45%)

Green (34%)

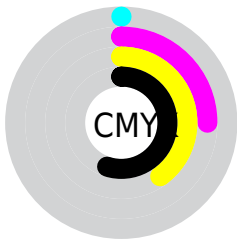
Blue (27%)



Red (45%)

Yellow (38%)

Blue (27%)

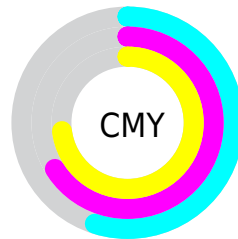


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (55%)



Cyan (55%)

Magenta (66%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735645 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 735645 by changing the saturation by 10% instead.



 735645

 735645

FFFFFF

 5A3F2F

 A88875

 41291A

 C4A28F

 2B1400

 E0BDA9

 0E0000

 FDD9C5

 000000

 FFF5E1

FFFFFFD

 735645

 735645

 734F3A

 735D51

 73482E

 73655C

 734023

 736C68

 733917

 737373

 73320B

 737A7F

 732B00

 73828A

 738996

 7390A1

 7397AD

# Harmonies

## Analogous

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



795350



735645



685B40

# Triad

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



735645



3A645A



5C5975

# Complementary

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



735645



456273

# 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.



485E78



735645



316468

# Square

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



735645



49624C



376273



6D546C

# Rectangle

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



735645



5E5E41



376273



565B77



# Sweetspot

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



735645



968B84



734562



4D4642



CCCCCC



4D4D4D



# Same Dimension

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



735645



96694E



736D45



3B3735



7A2D00



FA5C00



# Inverse Universe

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



456273



4E7C96



454B73



35383B



004D7A

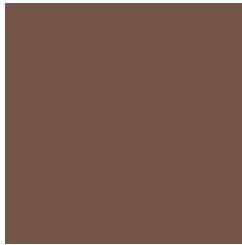


009EFA



# Previews

## White Background



This preview shows how the Hex color 735645 looks on a white background.

## Color Contrast Check

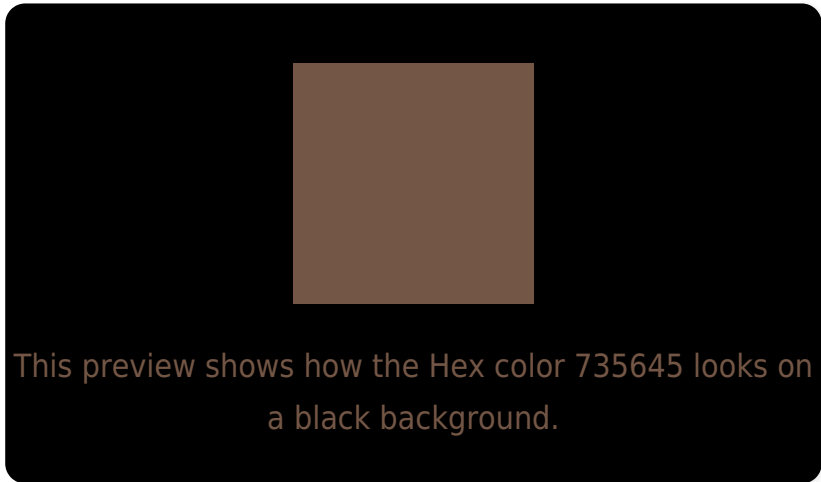
Large Text (above 18pt) WCAG AA ✓ Pass

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

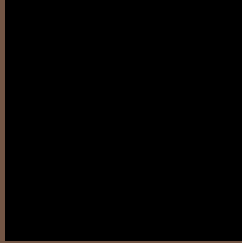
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 735645 Background



This preview shows how black text looks on a background with the Hex color 735645.



This preview shows how white text looks on a background with the Hex color 735645.

# 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**  
735645

**Protanopia**  
625C48

**Deuteranopia**  
6D5945



**Tritanopia**  
75535A

# Trichromacy



**Original Color**  
735645

**Protanomaly**  
685A47

**Deuteranomaly**  
6F5845

**Tritanomaly**  
745452

# Monochromacy



**Original Color**  
735645

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
655A54

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735645 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 #735645 looks like.

```
.text, #text, p{  
    color:#735645  
}
```

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 #735645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735645
}
```

## Border

The CSS property to change the border of an element to Hex 735645 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".

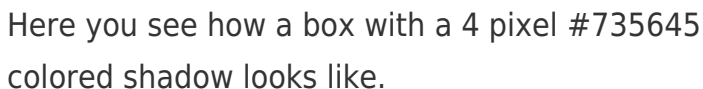
```
.border, #border, table{ border:4px solid
#735645 }
```

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

```
.border{ border-color:#735645 }
```

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

Here you see how a box with a 4 pixel #735645 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735645; -webkit-box-shadow:4px 4px  
4px 4px #735645; box-shadow:4px 4px 4px  
4px #735645 }
```

# Background

The CSS property to change the background color of an element to Hex 735645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735645 }
```

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

```
.background{ background-color:#735645 }
```

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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