

# Converting Colors

Hex(735431)

Have a look what the booklet for  
Hex(735431) contains.

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**Color**

**Hex(735431)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	735431
RGB	115, 84, 49
RGB Percent	45%, 33%, 19%
CMY	0.5490, 0.6706, 0.8078
CMYK	0.00, 0.27, 0.57, 0.55
HSL	32°, 40%, 32%
HSV	32°, 57%, 45%
XYZ	10.7949, 10.2072, 4.3070
YIQ	89.2790, 29.7110, -4.3130

# Conversions

## Conversions Part 2

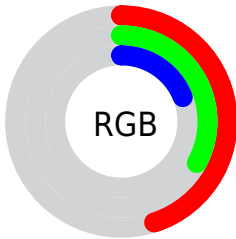
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 115, 49
Decimal	7558193
CIE <sub>Lab</sub>	38.21, 8.47, 25.32
CIE <sub>LCh</sub>	38, 26.702, 71.513
Yxy	10.2072, 0.4265, 0.4033
Android (android.graphics.Color)	4285748273 (0xFF735431)
YUV	89.2790, -19.8575, 22.5573
Hunter-Lab	31.9488, 4.4017, 14.3713

# Details

The Hex color **735431** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **315073**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A98660**, and **402703** is the 20% darker color. If you saturate the color by 10%, you get **734F26**, and if you desaturate by 10%, it is **73593D**.

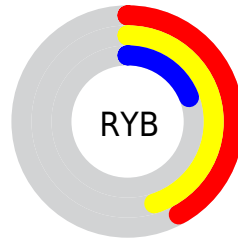
# Distribution



Red (45%)

Green (33%)

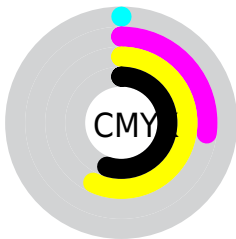
Blue (19%)



Red (42%)

Yellow (45%)

Blue (19%)

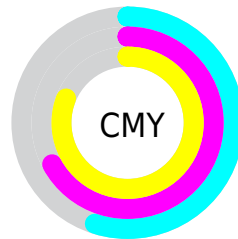


Cyan (0%)

Magenta (27%)

Yellow (57%)

Black (55%)



Cyan (55%)

Magenta (67%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 735431 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 735431 by changing the saturation by 10% instead.



 735431

 735431

FFFFFF

 593D1B

 A98660

 402703

 C5A079

 281300

 E2BB93

 020000

 FFD6AE

 000000

 FFF3C9

 FFFF E5

 735431

 735431

 734F26

 73593D

■ 73491A

■ 735F48

■ 73440F

■ 736454

■ 733E03

■ 736A5F

■ 733D00

■ 736F6B

■ 737476

■ 737A82

■ 737F8D

■ 738599

# Harmonies

## Analogous

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



804D3E



735431



605B2F

# Triad

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



735431



006562



67517A

# Complementary

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



735431



315073

# 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.



475984



735431



006476

# Square

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



735431



2B644C



1B6083



7B4B68

# Rectangle

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



735431



505F34



1B6083



5D547F



# Sweetspot

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



735431



968A7D



733151



4D453D



CCCCCC



4D4D4D



# Same Dimension

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



735431



96662F



727331



3B3835



7A4100



FA8500



# Inverse Universe

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



315073



2F5F96



323173



35383B



00397A



0075FA



# Previews

## White Background



This preview shows how the Hex color 735431 looks on a white background.

## Color Contrast Check

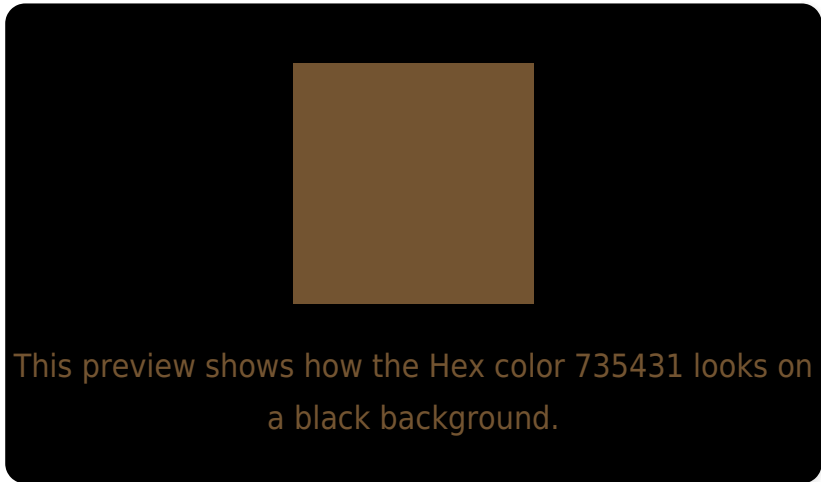
Large Text (above 18pt) WCAG AA ✓ Pass

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 735431 Background



This preview shows how black text looks on a background with the Hex color 735431.



This preview shows how white text looks on a background with the Hex color 735431.

# 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**  
735431

**Protanopia**  
635A33

**Deuteranopia**  
6E5631



**Tritanopia**  
765056

# Trichromacy



**Original Color**  
735431

**Protanomaly**  
695832

**Deuteranomaly**  
705531

**Tritanomaly**  
755149

# Monochromacy



**Original Color**  
735431

**Achromatopsia**  
595959

**Achromatomaly**  
62574A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 735431 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 #735431 looks like.

```
.text, #text, p{  
    color:#735431  
}
```

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 #735431 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735431
}
```

## Border

The CSS property to change the border of an element to Hex 735431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

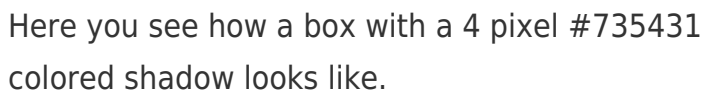
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735431 }
```

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

```
.border{ border-color:#735431 }
```

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



Here you see how a box with a 4 pixel #735431 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735431; -webkit-box-shadow:4px 4px  
4px 4px #735431; box-shadow:4px 4px 4px  
4px #735431 }
```

# Background

The CSS property to change the background color of an element to Hex 735431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735431 }
```

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

```
.background{ background-color:#735431 }
```

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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