

# Converting Colors

Hex(75163C)

Have a look what the booklet for  
Hex(75163C) contains.

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**Color**

**Hex(75163C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	75163C
RGB	117, 22, 60
RGB Percent	46%, 9%, 24%
CMY	0.5412, 0.9137, 0.7647
CMYK	0.00, 0.81, 0.49, 0.54
HSL	336°, 68%, 27%
HSV	336°, 81%, 46%
XYZ	8.4386, 4.6820, 4.7339
YIQ	54.7370, 44.4220, 31.9580

# Conversions

## Conversions Part 2

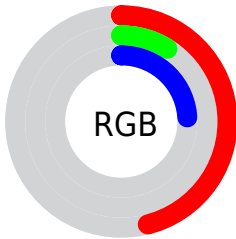
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 22, 60
Decimal	7673404
CIE Lab	25.81, 42.85, 1.76
CIE LCh	26, 42.882, 2.350
Yxy	4.6820, 0.4726, 0.2622
Android (android.graphics.Color)	4285863484 (0xFF75163C)
YUV	54.7370, 2.5947, 54.6047
Hunter-Lab	21.6379, 31.7477, 2.1751

# Details

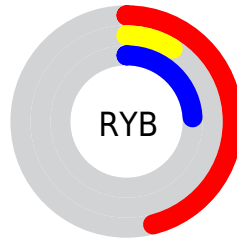
The Hex color **75163C** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **16754F**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **AD4C6B**, and **3F0012** is the 20% darker color. If you saturate the color by 10%, you get **750A35**, and if you desaturate by 10%, it is **752243**.

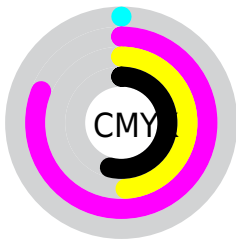
# Distribution



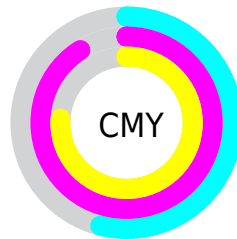
- Red (46%)
- Green (9%)
- Blue (24%)



- Red (46%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (81%)
- Yellow (49%)
- Black (54%)



- Cyan (54%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 75163C 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 75163C by changing the saturation by 10% instead.



 75163C

 75163C

FFFFFF

 5A0026

 AD4C6B

 3F0012

 CA6684

 260001

 E7809E

 000000

 FF9CB9

 FFB7D5

 FFD3F1

 FFF0FF

 75163C

 75163C

■ 750A35

■ 752243

■ 75002F

■ 752D4A

■ 753951

■ 754558

■ 75515F

■ 755C66

■ 75686D

■ 757474

■ 757F7B

# Harmonies

## Analogous

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



65225C



75163C



721F1C

# Triad

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



75163C



284500



004877

# Complementary

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



75163C



16754F

# 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.



004B5F



75163C



00491D

# Square

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



75163C



493D00



004B3F



00407F

# Rectangle

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



75163C



692A06



004B3F



004A70



# Sweetspot

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



75163C



997483



4F1675



4D363F



CCCCCC



4D4D4D



# Same Dimension

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



75163C



990540



751F16



3B3537



7A0031



FA0064



# Inverse Universe

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



75163C



990540



166B75



3B3537



7A0031

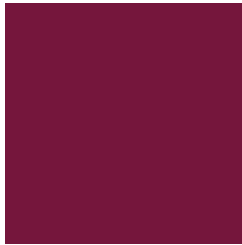


FA0064



# Previews

## White Background



This preview shows how the Hex color 75163C looks on a white background.

## Color Contrast Check

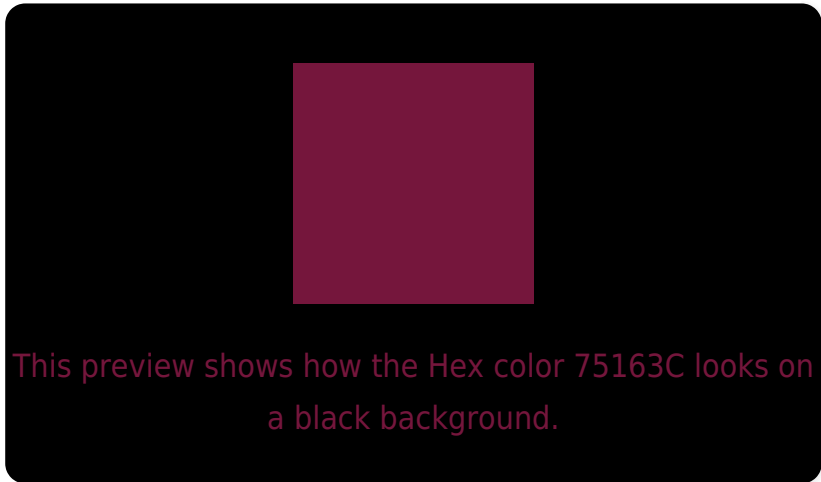
Large Text (above 18pt) WCAG AA ✓ Pass

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 75163C Background



This preview shows how black text looks on a background with the Hex color 75163C.



This preview shows how white text looks on a background with the Hex color 75163C.

# 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**  
75163C

**Protanopia**  
3A3E52

**Deuteranopia**  
483D37



# Trichromacy



**Original Color**  
75163C

**Protanomaly**  
4F2F4A

**Deuteranomaly**  
582F39

**Tritanomaly**  
741B2A

# Monochromacy



**Original Color**  
75163C

**Achromatopsia**  
373737

**Achromatomaly**  
4E2B39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 75163C 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 #75163C looks like.

```
.text, #text, p{  
    color:#75163C  
}
```

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 #75163C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75163C
}
```

## Border

The CSS property to change the border of an element to Hex 75163C is called "border". The border property can be set on classes, ids or directly on the HTML element.

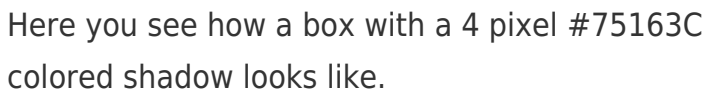
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75163C }
```

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

```
.border{ border-color:#75163C }
```

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



Here you see how a box with a 4 pixel `#75163C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75163C; -webkit-box-shadow:4px 4px  
4px 4px #75163C; box-shadow:4px 4px 4px  
4px #75163C }
```

# Background

The CSS property to change the background color of an element to Hex 75163C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75163C }
```

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

```
.background{ background-color:#75163C }
```

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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