

# Converting Colors

Hex(761C33)

Have a look what the booklet for  
Hex(761C33) contains.

<b>Hex(761C33)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(761C33)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	761C33
RGB	118, 28, 51
RGB Percent	46%, 11%, 20%
CMY	0.5373, 0.8902, 0.8000
CMYK	0.00, 0.76, 0.57, 0.54
HSL	345°, 62%, 29%
HSV	345°, 76%, 46%
XYZ	8.4840, 4.9211, 3.6347
YIQ	57.5320, 46.2570, 26.2330

# Conversions

## Conversions Part 2

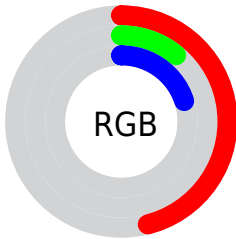
Format	Color
R <sub>Y</sub> B	118, 28, 51
Decimal	7740467
CIE Lab	26.51, 40.23, 8.89
CIE LCh	27, 41.200, 12.467
Yxy	4.9211, 0.4979, 0.2888
Android (android.graphics.Color)	4285930547 (0xFF761C33)
YUV	57.5320, -3.2203, 53.0304
Hunter-Lab	22.1835, 29.4456, 5.8140

# Details

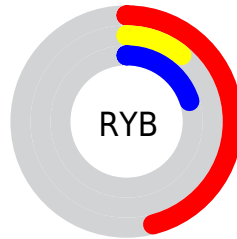
The Hex color **761C33** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1C765F**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **AE5061**, and **400004** is the 20% darker color. If you saturate the color by 10%, you get **76102A**, and if you desaturate by 10%, it is **76283C**.

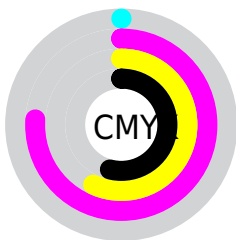
# Distribution



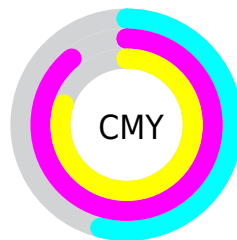
- Red (46%)
- Green (11%)
- Blue (20%)



- Red (46%)
- Yellow (11%)
- Blue (20%)



- Cyan (0%)
- Magenta (76%)
- Yellow (57%)
- Black (54%)



- Cyan (54%)
- Magenta (89%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 761C33 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 761C33 by changing the saturation by 10% instead.



 761C33

 761C33

FFFFFF

 5B001E

 AE5061

 400004

 CB6A7A

 270001

 E98494

 000000

 FF9FAE

 FFBBC9

 FFD7E5

 FFF4FF

 761C33

 761C33

 76102A

 76283C

 760421

 763445

 76001E

 763F4D

 764B56

 76575F

 766368

 766F70

 767A79

 768682

# Harmonies

## Analogous

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



6D2052



761C33



6F2815

# Triad

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



761C33



1C480A



00477B

# Complementary

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



761C33



1C765F

# 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.



004C69



761C33



004C2B

# Square

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



761C33



414100



004D4B



003E7D

# Rectangle

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



761C33



633201



004D4B



004976



# Sweetspot

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



761C33



99767F



5E1C76



4D373D



CCCCCC



4D4D4D



# Same Dimension

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



761C33



990C30



76311C



3B3536



7A001F



FA0040



# Inverse Universe

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



761C33



990C30



1C6176



3B3536



7A001F

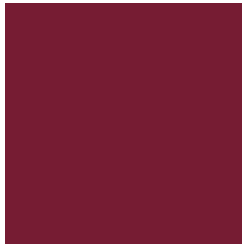


FA0040



# Previews

## White Background



This preview shows how the Hex color 761C33 looks on a white background.

## Color Contrast Check

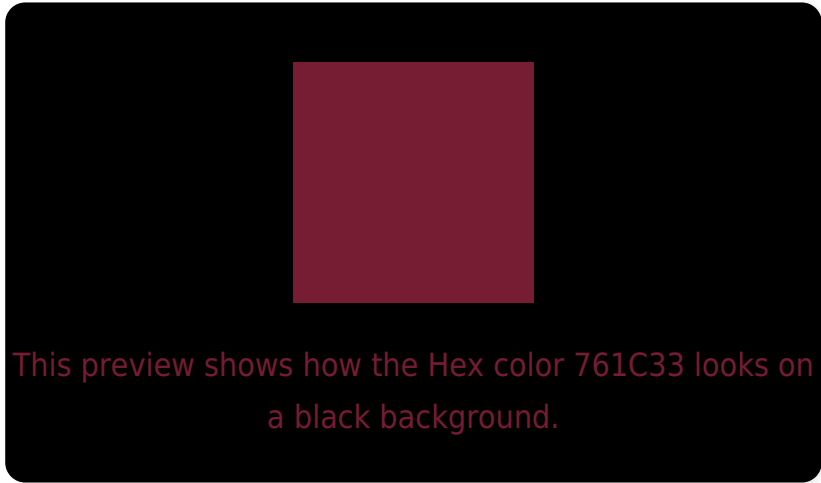
Large Text (above 18pt) WCAG AA ✓ Pass

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 761C33 Background



This preview shows how black text looks on a background with the Hex color 761C33.



This preview shows how white text looks on a background with the Hex color 761C33.

# 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**  
761C33

**Protanopia**  
404044

**Deuteranopia**  
4C3E2F



# Trichromacy



**Original Color**  
761C33

**Protanomaly**  
54333E

**Deuteranomaly**  
5B3230

**Tritanomaly**  
751F28

# Monochromacy



**Original Color**  
761C33

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
502F37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 761C33 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 #761C33 looks like.

```
.text, #text, p{  
    color:#761C33  
}
```

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 #761C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #761C33
}
```

## Border

The CSS property to change the border of an element to Hex 761C33 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
#761C33 }
```

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

```
.border{ border-color:#761C33 }
```

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

Here you see how a box with a 4 pixel #761C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #761C33; -webkit-box-shadow:4px 4px  
4px 4px #761C33; box-shadow:4px 4px 4px  
4px #761C33 }
```

# Background

The CSS property to change the background color of an element to Hex 761C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#761C33 }
```

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

```
.background{ background-color:#761C33 }
```

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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