

# Converting Colors

Hex(663C5C)

Have a look what the booklet for  
Hex(663C5C) contains.

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# Color

Hex(663C5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663C5C
RGB	102, 60, 92
RGB Percent	40%, 24%, 36%
CMY	0.6000, 0.7647, 0.6392
CMYK	0.00, 0.41, 0.10, 0.60
HSL	314°, 26%, 32%
HSV	314°, 41%, 40%
XYZ	9.0271, 6.8292, 10.9676
YIQ	76.2060, 14.7600, 18.8560

# Conversions

## Conversions Part 2

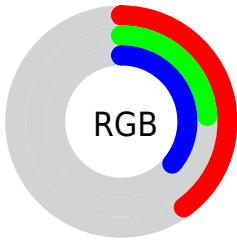
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 60, 92
Decimal	6700124
CIE Lab	31.41, 23.75, -11.31
CIE LCh	31, 26.305, 334.543
Yxy	6.8292, 0.3365, 0.2546
Android (android.graphics.Color)	4284890204 (0xFF663C5C)
YUV	76.2060, 7.7864, 22.6213
Hunter-Lab	26.1327, 15.9275, -6.5904

# Details

The Hex color **663C5C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C6646**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9A6C8E**, and **360F2E** is the 20% darker color. If you saturate the color by 10%, you get **66325A**, and if you desaturate by 10%, it is **66465E**.

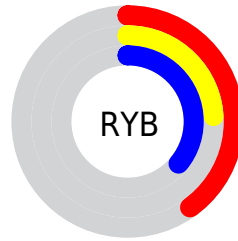
# Distribution



Red (40%)

Green (24%)

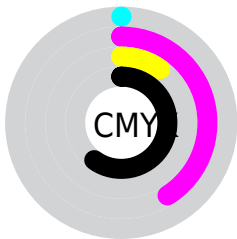
Blue (36%)



Red (40%)

Yellow (24%)

Blue (36%)

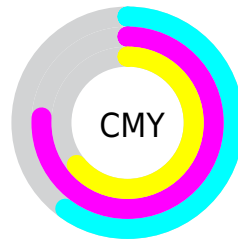


Cyan (0%)

Magenta (41%)

Yellow (10%)

Black (60%)



Cyan (60%)

Magenta (76%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663C5C 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 663C5C by changing the saturation by 10% instead.



 663C5C

 663C5C

FFFFFF

 4D2544

 9A6C8E

 360F2E

 B586A9

 23001A

 D1A0C4

 000000

 EDBCE0

 FFD7FD

 FFF4FF

 663C5C

 663C5C

 66325A

 66465E

662857

665061

661D55

665B63

661352

666566

660950

666F68

66004E

66796B

66836D

668E6F

669872

# Harmonies

## Analogous

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



50436C



663C5C



703948

# Triad

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



663C5C



534A20



005461

# Complementary

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



663C5C



3C6646

# 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.



00554C



663C5C



3E5027

# Square

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



663C5C



654225



235337



00516F

# Rectangle

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



663C5C



713A3A



235337



00545A



# Sweetspot

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



663C5C



857581



463C66



423940



C2C2C2



424242



# Same Dimension

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



663C5C



854475



663C47



332E32



730057



F200B9



# Inverse Universe

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



663C5C



854475



3C665B



332E32



730057



F200B9



# Previews

## White Background



This preview shows how the Hex color 663C5C looks on a white background.

## Color Contrast Check

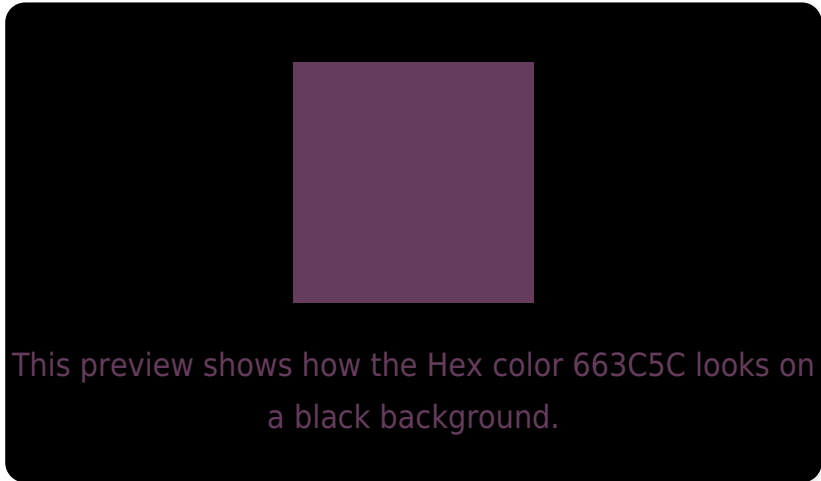
Large Text (above 18pt) WCAG AA ✓ Pass

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

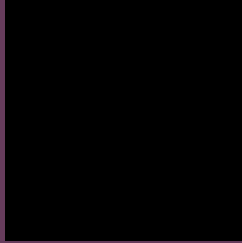
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663C5C Background



This preview shows how black text looks on a background with the Hex color 663C5C.



This preview shows how white text looks on a background with the Hex color 663C5C.

# 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**  
663C5C

**Protanopia**  
424966

**Deuteranopia**  
4A495A



**Tritanopia**  
634145

# Trichromacy



**Original Color**  
663C5C

**Protanomaly**  
4F4462

**Deuteranomaly**  
54445B

**Tritanomaly**  
643F4D

# Monochromacy



**Original Color**  
663C5C

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
554652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663C5C 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 #663C5C looks like.

```
.text, #text, p{  
    color:#663C5C  
}
```

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 #663C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663C5C
}
```

## Border

The CSS property to change the border of an element to Hex 663C5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

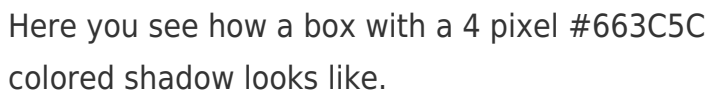
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663C5C }
```

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

```
.border{ border-color:#663C5C }
```

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



Here you see how a box with a 4 pixel #663C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663C5C; -webkit-box-shadow:4px 4px  
4px 4px #663C5C; box-shadow:4px 4px 4px  
4px #663C5C }
```

# Background

The CSS property to change the background color of an element to Hex 663C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663C5C }
```

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

```
.background{ background-color:#663C5C }
```

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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