

# Converting Colors

Hex(663245)

Have a look what the booklet for  
Hex(663245) contains.

<b>Hex(663245)</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(663245)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663245
RGB	102, 50, 69
RGB Percent	40%, 20%, 27%
CMY	0.6000, 0.8039, 0.7294
CMYK	0.00, 0.51, 0.32, 0.60
HSL	338°, 34%, 30%
HSV	338°, 51%, 40%
XYZ	7.6943, 5.5357, 6.2932
YIQ	67.7140, 24.8930, 16.9330

# Conversions

## Conversions Part 2

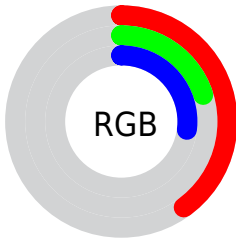
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 50, 69
Decimal	6697541
CIE Lab	28.21, 25.74, -1.10
CIE LCh	28, 25.761, 357.543
Yxy	5.5357, 0.3941, 0.2835
Android (android.graphics.Color)	4284887621 (0xFF663245)
YUV	67.7140, 0.6340, 30.0688
Hunter-Lab	23.5280, 17.2003, 0.6109

# Details

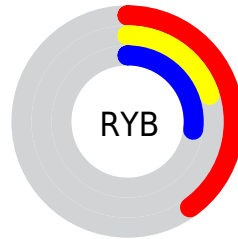
The Hex color **663245** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **326653**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **9B6275**, and **34041A** is the 20% darker color. If you saturate the color by 10%, you get **66283F**, and if you desaturate by 10%, it is **663C4B**.

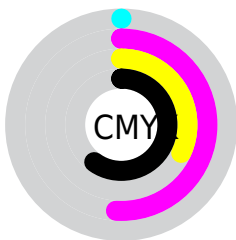
# Distribution



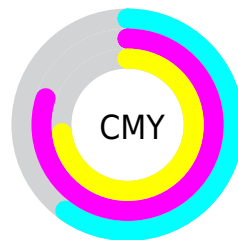
- Red (40%)
- Green (20%)
- Blue (27%)



- Red (40%)
- Yellow (20%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (32%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663245 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 663245 by changing the saturation by 10% instead.



663245

663245

FFFFFF

4D1B2F

9B6275

34041A

B67B8F

200001

D295A9

000000

EFB0C4

FFCCE0

FFE8FD

663245

663245

66283F

663C4B

661E38

664652

661332

665158

66092B

665B5F

660025

666565

666F6C

667972

668479

668E7F

# Harmonies

## Analogous

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



5A3658



663245



673431

# Triad

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



663245



3C471E



004A64

# Complementary

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



663245



326653

# 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.



004C54



663245



234B2C

# Square

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



663245



50411A



004D40



1A456A

# Rectangle

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



663245



633726



004D40



004B5F



# Sweetspot

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



663245



857178



533266



42363B



C2C2C2



424242



# Same Dimension

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



663245



853451



663932



332E30



73002A



F20059



# Inverse Universe

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



663245



853451



325F66



332E30



73002A

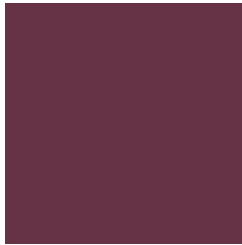


F20059



# Previews

## White Background



This preview shows how the Hex color 663245 looks on a white background.

## Color Contrast Check

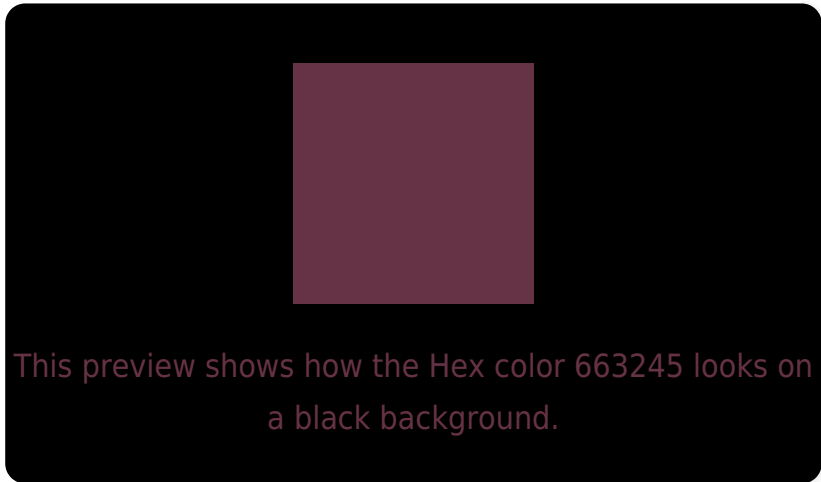
Large Text (above 18pt) WCAG AA ✓ Pass

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

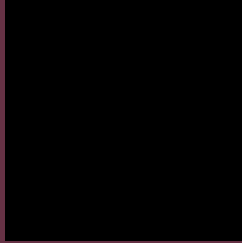
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663245 Background



This preview shows how black text looks on a background with the Hex color 663245.



This preview shows how white text looks on a background with the Hex color 663245.

# 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**  
663245

**Protanopia**  
41434F

**Deuteranopia**  
4A4143



**Tritanopia**  
653438

# Trichromacy



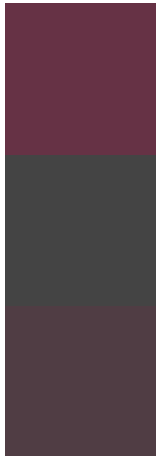
**Original Color**  
663245

**Protanomaly**  
4E3D4B

**Deuteranomaly**  
543C44

**Tritanomaly**  
65333D

# Monochromacy



**Original Color**  
663245

**Achromatopsia**  
444444

**Achromatomaly**  
503D44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663245 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 #663245 looks like.

```
.text, #text, p{  
    color:#663245  
}
```

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 #663245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663245
}
```

## Border

The CSS property to change the border of an element to Hex 663245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

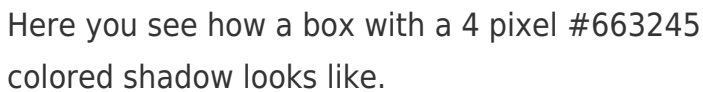
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663245 }
```

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

```
.border{ border-color:#663245 }
```

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



Here you see how a box with a 4 pixel #663245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663245; -webkit-box-shadow:4px 4px  
4px 4px #663245; box-shadow:4px 4px 4px  
4px #663245 }
```

# Background

The CSS property to change the background color of an element to Hex 663245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663245 }
```

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

```
.background{ background-color:#663245 }
```

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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