

# Converting Colors

Hex(663335)

Have a look what the booklet for  
Hex(663335) contains.

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# Color

**Hex(663335)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	663335
RGB	102, 51, 53
RGB Percent	40%, 20%, 21%
CMY	0.6000, 0.8000, 0.7922
CMYK	0.00, 0.50, 0.48, 0.60
HSL	358°, 33%, 30%
HSV	358°, 50%, 40%
XYZ	7.3059, 5.4495, 4.0349
YIQ	66.4770, 29.7540, 11.4340

# Conversions

## Conversions Part 2

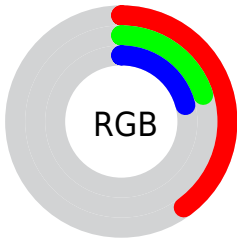
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 51, 53
Decimal	6697781
CIE Lab	27.98, 23.03, 9.15
CIE LCh	28, 24.779, 21.661
Yxy	5.4495, 0.4351, 0.3246
Android (android.graphics.Color)	4284887861 (0xFF663335)
YUV	66.4770, -6.6442, 31.1537
Hunter-Lab	23.3441, 15.0123, 6.0928

# Details

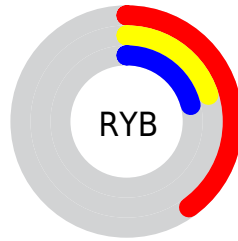
The Hex color **663335** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **336664**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9B6363**, and **340608** is the 20% darker color. If you saturate the color by 10%, you get **66292B**, and if you desaturate by 10%, it is **663D3F**.

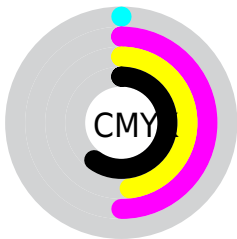
# Distribution



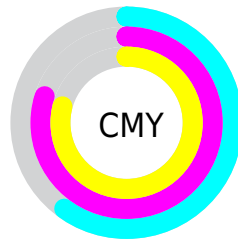
- Red (40%)
- Green (20%)
- Blue (21%)



- Red (40%)
- Yellow (20%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (48%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663335 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 663335 by changing the saturation by 10% instead.



 663335

 663335

FFFFFF

 4C1D20

 9B6363

 340608

 B77C7C

 1C0001

 D39696

 000000

 F0B1B1

 FFCDC

 FFE9E8

 663335

 663335

 66292B

 663D3F

■ 661F21

■ 664749

■ 661418

■ 665252

■ 660A0E

■ 665C5C

■ 660004

■ 666666

■ 667070

■ 667A7A

■ 668583

■ 668F8D

# Harmonies

## Analogous

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



633348



663335



603825

# Triad

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



663335



29492A



124667

# Complementary

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



663335



336664

# 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.



004A5F



663335



054B3C

# Square

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



663335



40451D



004C4F



3B3F65

# Rectangle

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



663335



573D1E



004C4F



004766



# Sweetspot

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



663335



857171



633366



423637



C2C2C2



424242



# Same Dimension

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



663335



853538



664A33



332E2E



730005



F2000A



# Inverse Universe

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



663335



853538



334F66



332E2E



730004

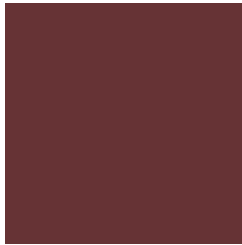


F20009



# Previews

## White Background



This preview shows how the Hex color 663335 looks on a white background.

## Color Contrast Check

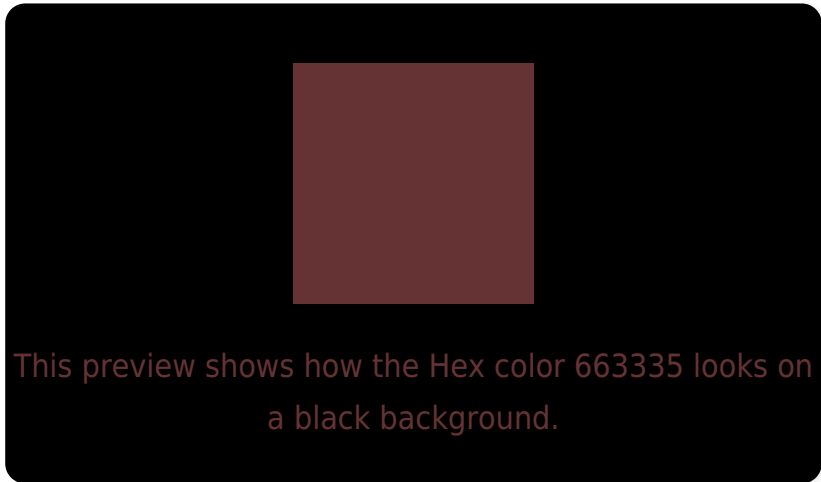
Large Text (above 18pt) WCAG AA ✓ Pass

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

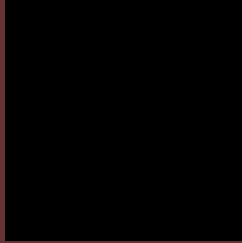
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663335 Background



This preview shows how black text looks on a background with the Hex color 663335.



This preview shows how white text looks on a background with the Hex color 663335.

# 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**  
663335

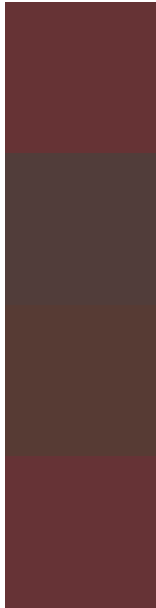
**Protanopia**  
45423D

**Deuteranopia**  
4E4033



**Tritanopia**  
663336

# Trichromacy



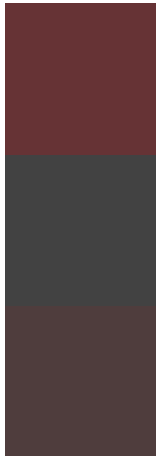
**Original Color**  
663335

**Protanomaly**  
513D3A

**Deuteranomaly**  
573B34

**Tritanomaly**  
663336

# Monochromacy



**Original Color**  
663335

**Achromatopsia**  
424242

**Achromatomaly**  
4F3D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663335 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 #663335 looks like.

```
.text, #text, p{  
    color:#663335  
}
```

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 #663335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663335
}
```

## Border

The CSS property to change the border of an element to Hex 663335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

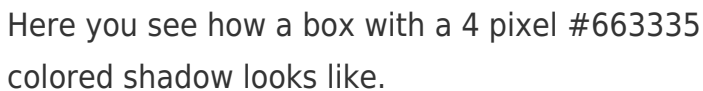
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#663335 }
```

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

```
.border{ border-color:#663335 }
```

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



Here you see how a box with a 4 pixel #663335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663335; -webkit-box-shadow:4px 4px  
4px 4px #663335; box-shadow:4px 4px 4px  
4px #663335 }
```

# Background

The CSS property to change the background color of an element to Hex 663335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663335 }
```

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

```
.background{ background-color:#663335 }
```

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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