

# Converting Colors

Hex(663929)

Have a look what the booklet for  
Hex(663929) contains.

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**Color**

**Hex(663929)**

# Conversions

## Conversions Part 1

Format	Color
Hex	663929
RGB	102, 57, 41
RGB Percent	40%, 22%, 16%
CMY	0.6000, 0.7765, 0.8392
CMYK	0.00, 0.44, 0.60, 0.60
HSL	16°, 43%, 28%
HSV	16°, 60%, 40%
XYZ	7.3429, 5.9111, 2.8518
YIQ	68.6310, 31.9560, 4.5640

# Conversions

## Conversions Part 2

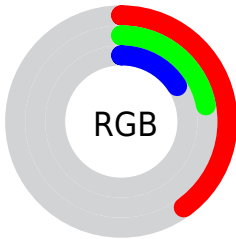
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 63, 41
Decimal	6699305
CIE <sub>Lab</sub>	29.19, 18.18, 18.51
CIE <sub>LCh</sub>	29, 25.947, 45.524
Yxy	5.9111, 0.4559, 0.3670
Android (android.graphics.Color)	4284889385 (0xFF663929)
YUV	68.6310, -13.6221, 29.2646
Hunter-Lab	24.3128, 11.3624, 10.0645




# Details

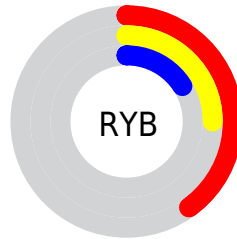
The Hex color **663929** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **295666**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **9C6956**, and **340D00** is the 20% darker color. If you saturate the color by 10%, you get **66311F**, and if you desaturate by 10%, it is **664133**.

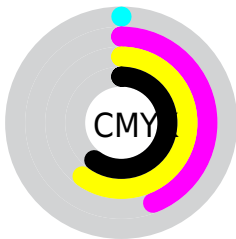
# Distribution







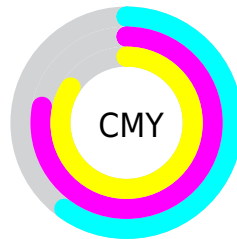
-  Red (40%)
-  Green (22%)
-  Blue (16%)






-  Red (40%)
-  Yellow (25%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (44%)
-  Yellow (60%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (78%)
-  Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 663929 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 663929 by changing the saturation by 10% instead.





663929



663929

FFFFFF



4C2314



9C6956



340D00



B7826F



1C0001



D49C88



000000



F1B7A3



FFD3BE



FFEFDA



FFFFF6



663929



663929

■ 66311F

■ 664133

■ 662A15

■ 66483D

■ 66220A

■ 665048

■ 661B00

■ 665752

■ 665F5C

■ 666666

■ 666E70

■ 66757B

■ 667D85

# Harmonies

## Analogous

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



6B343B



663929



59401D

# Triad

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



663929



0F4E3A



36436B

# Complementary

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



663929



295666

# 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.



004A6B



663929



004F4F

# Square

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



663929



304C28



004E61



543B61

# Rectangle

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



663929



4D451B



004E61



29466D



# Sweetspot

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



663929



85736D



662957



423834



C2C2C2



424242



# Same Dimension

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



663929



853E25



665729



332F2E



731E00



F24000



# Inverse Universe

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



295666



256C85



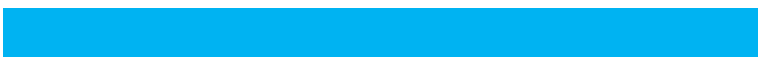
293866



2E3233



005573



00B3F2



# Previews

## White Background



This preview shows how the Hex color 663929 looks on a white background.

## Color Contrast Check

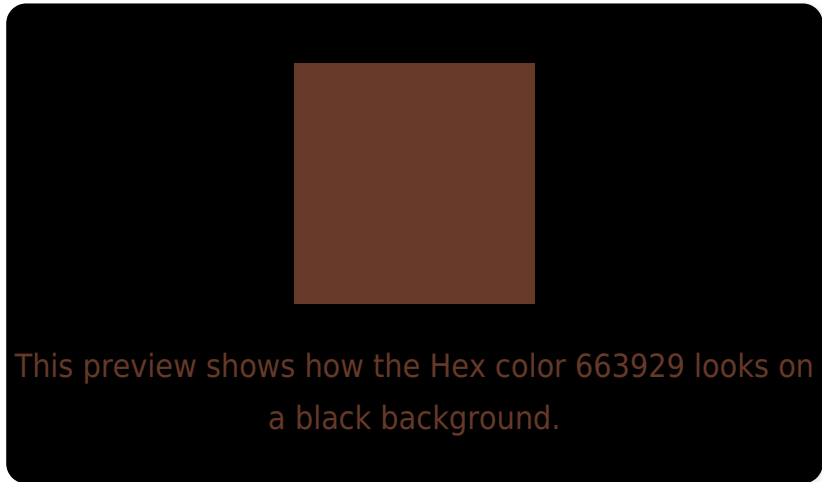
Large Text (above 18pt) WCAG AA ✓ Pass

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

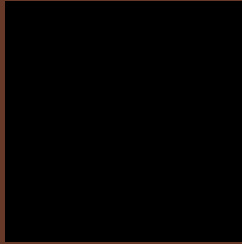
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 663929 Background



This preview shows how black text looks on a background with the Hex color 663929.

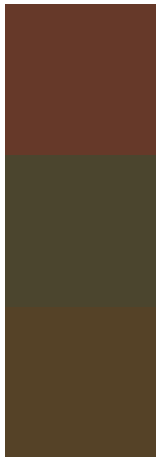


This preview shows how white text looks on a background with the Hex color 663929.

# 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**  
663929

**Protanopia**  
4B452E

**Deuteranopia**  
554227



**Tritanopia**  
67373B

# Trichromacy



**Original Color**  
663929

**Protanomaly**  
55412C

**Deuteranomaly**  
5B3F28

**Tritanomaly**  
673834

# Monochromacy



**Original Color**  
663929

**Achromatopsia**  
454545

**Achromatomaly**  
51413B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 663929 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 #663929 looks like.

```
.text, #text, p{  
    color:#663929  
}
```

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 #663929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663929
}
```

## Border

The CSS property to change the border of an element to Hex 663929 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".

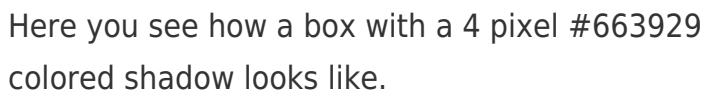
```
.border, #border, table{ border:4px solid
#663929 }
```

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

```
.border{ border-color:#663929 }
```

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

Here you see how a box with a 4 pixel #663929 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663929; -webkit-box-shadow:4px 4px  
4px 4px #663929; box-shadow:4px 4px 4px  
4px #663929 }
```

# Background

The CSS property to change the background color of an element to Hex 663929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663929 }
```

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

```
.background{ background-color:#663929 }
```

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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