

Converting Colors

Hex(663327)

Have a look what the booklet for
Hex(663327) contains.

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Color

Hex(663327)

Conversions

Conversions Part 1

Format	Color
Hex	663327
RGB	102, 51, 39
RGB Percent	40%, 20%, 15%
CMY	0.6000, 0.8000, 0.8471
CMYK	0.00, 0.50, 0.62, 0.60
HSL	11°, 45%, 28%
HSV	11°, 62%, 40%
XYZ	7.0295, 5.3389, 2.5795
YIQ	64.8810, 34.2480, 7.0800

Conversions

Conversions Part 2

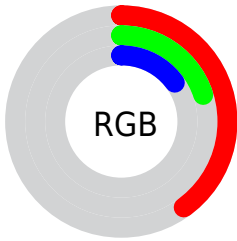
Format	Color
R_{YB}	102, 54, 39
Decimal	6697767
CIE _{Lab}	27.68, 21.60, 17.87
CIE _{LCh}	28, 28.036, 39.593
Yxy	5.3389, 0.4703, 0.3572
Android (android.graphics.Color)	4284887847 (0xFF663327)
YUV	64.8810, -12.7593, 32.5534
Hunter-Lab	23.1061, 13.8691, 9.5554

Details

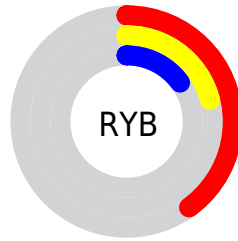
The Hex color **663327** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **275A66**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9C6354**, and **330700** is the 20% darker color. If you saturate the color by 10%, you get **662B1D**, and if you desaturate by 10%, it is **663B31**.

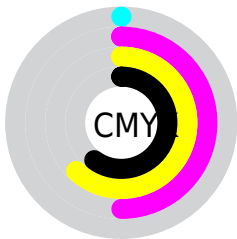
Distribution



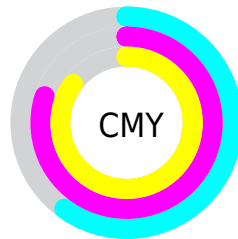
- Red (40%)
- Green (20%)
- Blue (15%)



- Red (40%)
- Yellow (21%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (62%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 663327 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 663327 by changing the saturation by 10% instead.

 663327

 663327

FFFFFF

 4C1D13

 9C6354

 330700

 B87C6C

 180001

 D59686

 000000

 F2B1A0

 FFCCBB

 FFE8D7

 FFFFF3

 663327

 663327

■ 662B1D

■ 663B31

■ 662213

■ 66443B

■ 661A08

■ 664C46

■ 661300

■ 665450

■ 665C5A

■ 666564

■ 666D6E

■ 667579

■ 667D83

Harmonies

Analogous

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



692F3B



663327



5A3B18

Triad

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



663327



0C4B32



28416C

Complementary

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



663327



275A66

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.



004869



663327



004C48

Square

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



663327



30481F



004B5C



4C3963

Rectangle

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



663327



4E4014



004B5C



14446C

Sweetspot

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



663327



85706B



66275A



423633



C2C2C2



424242

Same Dimension

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



663327



853522



665227



332F2E



731600



F22E00

Inverse Universe

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



275A66



227285



273B66



2E3233



005D73



00C4F2

Previews

White Background



This preview shows how the Hex color 663327 looks on a white background.

Color Contrast Check

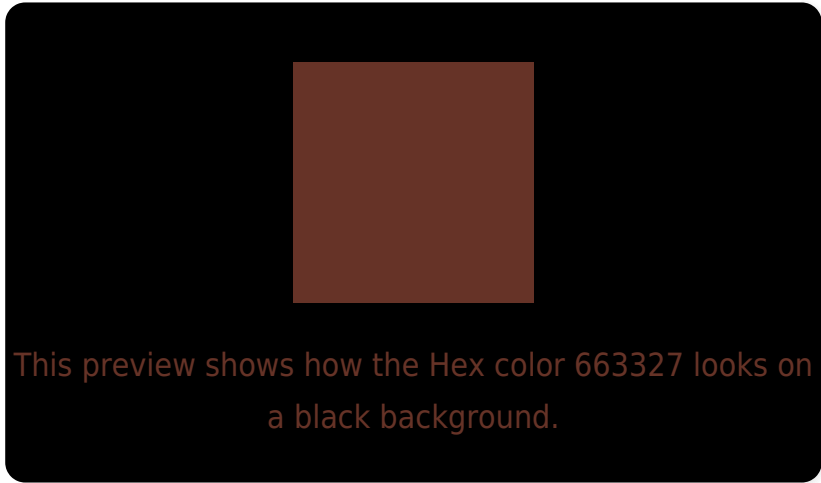
Large Text (above 18pt) WCAG AA ✓ Pass

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

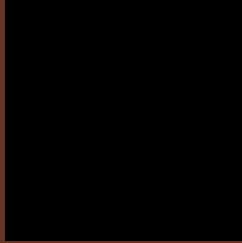
Any Text WCAG AA × Fail

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 663327 Background



This preview shows how black text looks on a background with the Hex color 663327.

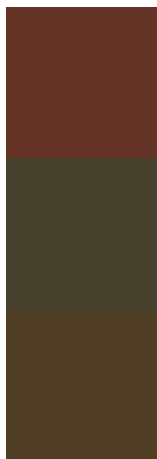


This preview shows how white text looks on a background with the Hex color 663327.

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

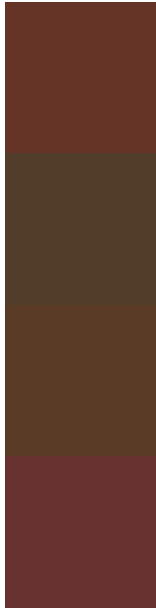


Original Color
663327

Protanopia
47422D

Deuteranopia
513F25

Trichromacy



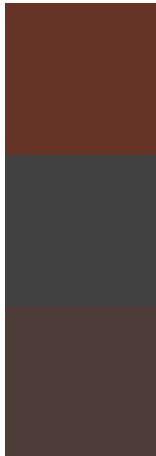
Original Color
663327

Protanomaly
523D2B

Deuteranomaly
593B26

Tritanomaly
673230

Monochromacy



Original Color
663327

Achromatopsia
414141

Achromatomaly
4E3C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 663327 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 #663327 looks like.

```
.text, #text, p{  
    color:#663327  
}
```

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 #663327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #663327
}
```

Border

The CSS property to change the border of an element to Hex 663327 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".

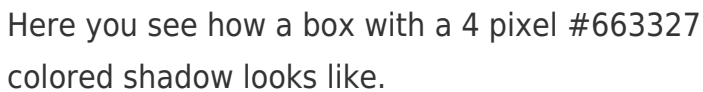
```
.border, #border, table{ border:4px solid
#663327 }
```

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

```
.border{ border-color:#663327 }
```

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

Here you see how a box with a 4 pixel #663327 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #663327; -webkit-box-shadow:4px 4px  
4px 4px #663327; box-shadow:4px 4px 4px  
4px #663327 }
```

Background

The CSS property to change the background color of an element to Hex 663327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#663327 }
```

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

```
.background{ background-color:#663327 }
```

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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