

Converting Colors

Hex(683337)

Have a look what the booklet for
Hex(683337) contains.

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Color

Hex(683337)

Conversions

Conversions Part 1

Format	Color
Hex	683337
RGB	104, 51, 55
RGB Percent	41%, 20%, 22%
CMY	0.5922, 0.8000, 0.7843
CMYK	0.00, 0.51, 0.47, 0.59
HSL	355°, 34%, 30%
HSV	355°, 51%, 41%
XYZ	7.5823, 5.5865, 4.2931
YIQ	67.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

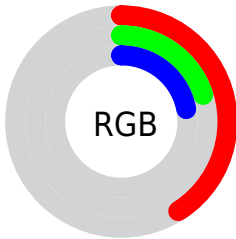
Format	Color
R_{YB}	104, 51, 55
Decimal	6828855
CIE Lab	28.34, 24.10, 8.38
CIE LCh	28, 25.518, 19.181
Yxy	5.5865, 0.4342, 0.3199
Android (android.graphics.Color)	4285018935 (0xFF683337)
YUV	67.3030, -6.0654, 32.1833
Hunter-Lab	23.6359, 15.8996, 5.7760

Details

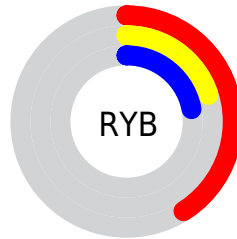
The Hex color **683337** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **336864**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9D6366**, and **36060B** is the 20% darker color. If you saturate the color by 10%, you get **68292D**, and if you desaturate by 10%, it is **683D41**.

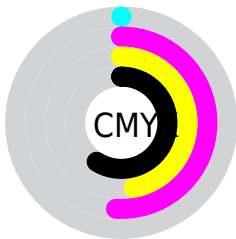
Distribution



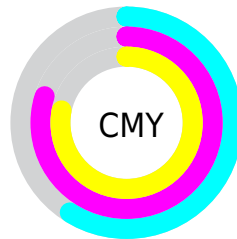
- Red (41%)
- Green (20%)
- Blue (22%)



- Red (41%)
- Yellow (20%)
- Blue (22%)



- Cyan (0%)
- Magenta (51%)
- Yellow (47%)
- Black (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683337 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 683337 by changing the saturation by 10% instead.

 683337

 683337

FFFFFF

 4E1C22

 9D6366

 36060B

 B97C7F

 1F0001

 D69699

 000000

 F3B1B3

 FFCDCF

 FFE9EB

 683337

 683337

 68292D

 683D41

■ 681E24

■ 68484A

■ 68141A

■ 685254

■ 680911

■ 685D5D

■ 680008

■ 686767

■ 687171

■ 687C7A

■ 688684

■ 68918E

Harmonies

Analogous

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



64334B



683337



623826

Triad

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



683337



2B4A28



084769

Complementary

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



683337



336864

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.



004B60



683337



074C3B

Square

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



683337



42461C



004D4F



394068

Rectangle

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



683337



5A3D1E



004D4F



004967

Sweetspot

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



683337



877374



643368



453839



C4C4C4



454545

Same Dimension

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



683337



87353B



684933



332E2E



730009



F20012

Inverse Universe

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



683337



87353B



335268



332E2E



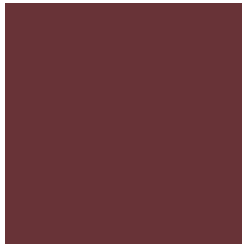
730009



F20012

Previews

White Background



This preview shows how the Hex color 683337 looks on a white background.

Color Contrast Check

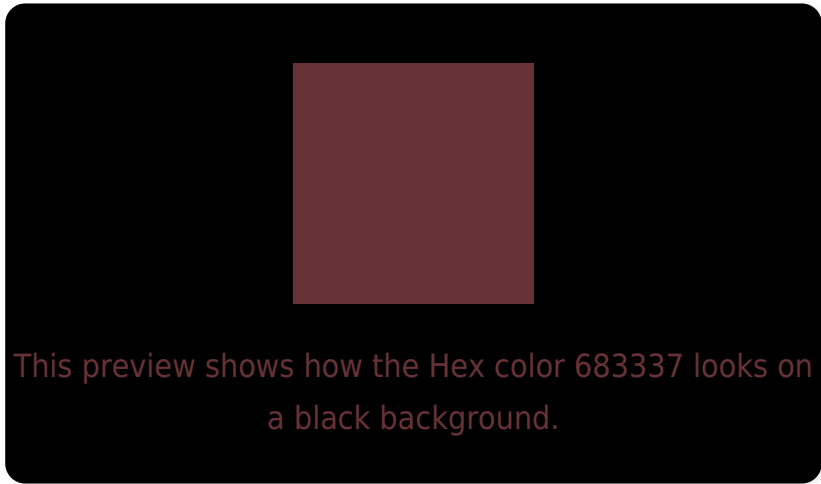
Large Text (above 18pt) WCAG AA ✓ Pass

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

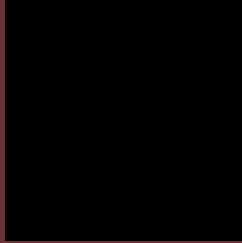
Any Text WCAG AA × Fail

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 683337 Background



This preview shows how black text looks on a background with the Hex color 683337.



This preview shows how white text looks on a background with the Hex color 683337.

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
683337

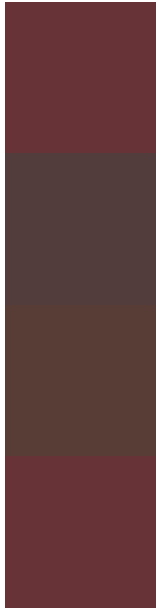
Protanopia
46433F

Deuteranopia
4F4135



Tritanopia
683337

Trichromacy



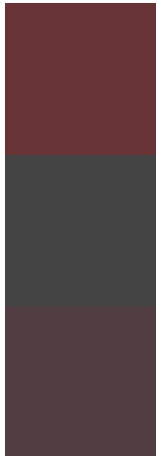
Original Color
683337

Protanomaly
523D3C

Deuteranomaly
583C36

Tritanomaly
683337

Monochromacy



Original Color
683337

Achromatopsia
434343

Achromatomaly
503D3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 683337 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 #683337 looks like.

```
.text, #text, p{  
    color:#683337  
}
```

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 #683337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683337
}
```

Border

The CSS property to change the border of an element to Hex 683337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

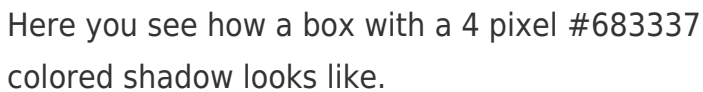
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683337 }
```

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

```
.border{ border-color:#683337 }
```

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



Here you see how a box with a 4 pixel #683337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683337; -webkit-box-shadow:4px 4px  
4px 4px #683337; box-shadow:4px 4px 4px  
4px #683337 }
```

Background

The CSS property to change the background color of an element to Hex 683337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683337 }
```

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

```
.background{ background-color:#683337 }
```

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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