

Converting Colors

Hex(683351)

Have a look what the booklet for
Hex(683351) contains.

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Color

Hex(683351)

Conversions

Conversions Part 1

Format	Color
Hex	683351
RGB	104, 51, 81
RGB Percent	41%, 20%, 32%
CMY	0.5922, 0.8000, 0.6824
CMYK	0.00, 0.51, 0.22, 0.59
HSL	326°, 34%, 30%
HSV	326°, 51%, 41%
XYZ	8.3779, 5.9048, 8.4828
YIQ	70.2670, 21.9580, 20.5660

Conversions

Conversions Part 2

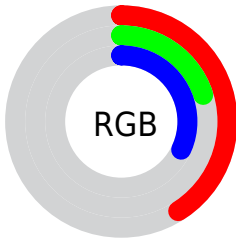
Format	Color
R_{YB}	104, 51, 81
Decimal	6828881
CIE _{Lab}	29.17, 27.82, -7.54
CIE _{LCh}	29, 28.821, 344.838
Yxy	5.9048, 0.3680, 0.2594
Android (android.graphics.Color)	4285018961 (0xFF683351)
YUV	70.2670, 5.2914, 29.5838
Hunter-Lab	24.2998, 19.0177, -3.6876

Details

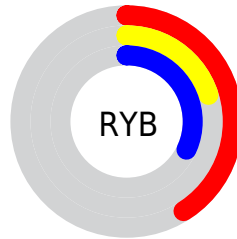
The Hex color **683351** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **33684A**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **9D6382**, and **370424** is the 20% darker color. If you saturate the color by 10%, you get **68294C**, and if you desaturate by 10%, it is **683D56**.

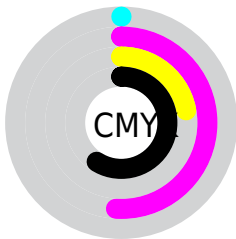
Distribution



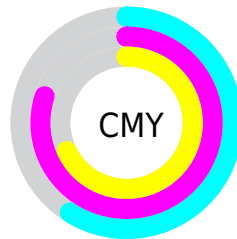
- Red (41%)
- Green (20%)
- Blue (32%)



- Red (41%)
- Yellow (20%)
- Blue (32%)



- Cyan (0%)
- Magenta (51%)
- Yellow (22%)
- Black (59%)



- Cyan (59%)
- Magenta (80%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683351 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 683351 by changing the saturation by 10% instead.



683351



683351

FFFFFF



4F1C3A



9D6382



370424



B87D9C



23000F



D497B7



000000



F1B2D3



FFCEEF



FFEAFB



683351



683351



68294C



683D56

681E48

68485A

681443

68525F

68093F

685D63

68003B

686768

68716C

687C71

688675

68917A

Harmonies

Analogous

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



543A65



683351



6E323B

Triad

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



683351



474717



004E64

Complementary

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



683351



33684A

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.



00504F



683351



2E4C24

Square

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



683351



5B4019



004F38



004A70

Rectangle

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



683351



6C352C



004F38



004F5E

Sweetspot

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



683351



87737E



4A3368



45383F



C4C4C4



454545

Same Dimension

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



683351



873563



683337



332E31



730041



F20089

Inverse Universe

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



683351



873563



336864



332E31



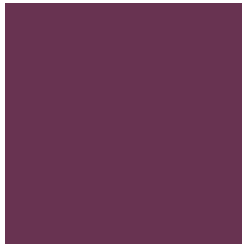
730041



F20089

Previews

White Background



This preview shows how the Hex color 683351 looks on a white background.

Color Contrast Check

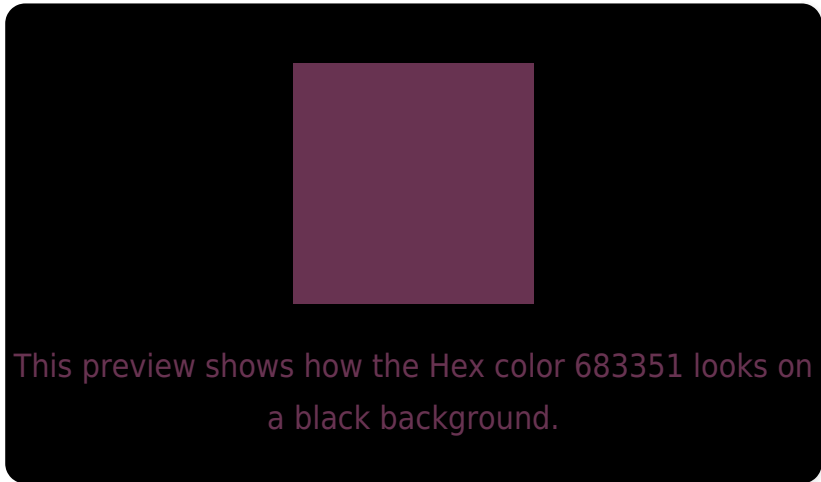
Large Text (above 18pt) WCAG AA ✓ Pass

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

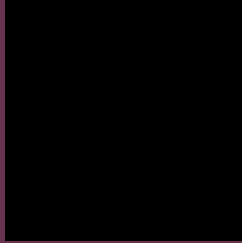
Any Text WCAG AA × Fail

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 683351 Background



This preview shows how black text looks on a background with the Hex color 683351.



This preview shows how white text looks on a background with the Hex color 683351.

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
683351

Protanopia
3E455D

Deuteranopia
48444E



Tritanopia
66373C

Trichromacy



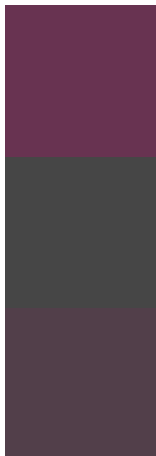
Original Color
683351

Protanomaly
4D3E59

Deuteranomaly
543E4F

Tritanomaly
673644

Monochromacy



Original Color
683351

Achromatopsia
464646

Achromatomaly
523F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 683351 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 #683351 looks like.

```
.text, #text, p{  
    color:#683351  
}
```

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 #683351 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683351
}
```

Border

The CSS property to change the border of an element to Hex 683351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

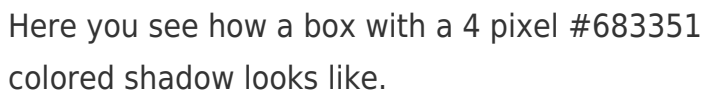
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#683351 }
```

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

```
.border{ border-color:#683351 }
```

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



Here you see how a box with a 4 pixel #683351 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683351; -webkit-box-shadow:4px 4px  
4px 4px #683351; box-shadow:4px 4px 4px  
4px #683351 }
```

Background

The CSS property to change the background color of an element to Hex 683351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683351 }
```

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

```
.background{ background-color:#683351 }
```

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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