

Converting Colors

Hex(683555)

Have a look what the booklet for
Hex(683555) contains.

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Color

Hex(683555)

Conversions

Conversions Part 1

Format	Color
Hex	683555
RGB	104, 53, 85
RGB Percent	41%, 21%, 33%
CMY	0.5922, 0.7922, 0.6667
CMYK	0.00, 0.49, 0.18, 0.59
HSL	322°, 32%, 31%
HSV	322°, 49%, 41%
XYZ	8.6217, 6.1451, 9.3260
YIQ	71.8970, 20.1240, 20.7640

Conversions

Conversions Part 2

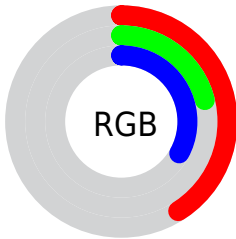
Format	Color
R_{YB}	104, 53, 85
Decimal	6829397
CIE _{Lab}	29.78, 27.35, -9.24
CIE _{LCh}	30, 28.867, 341.337
Yxy	6.1451, 0.3579, 0.2551
Android (android.graphics.Color)	4285019477 (0xFF683555)
YUV	71.8970, 6.4598, 28.1543
Hunter-Lab	24.7894, 18.7006, -4.9530

Details

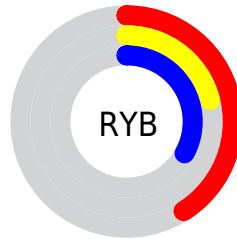
The Hex color **683555** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **356848**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9C6587**, and **370628** is the 20% darker color. If you saturate the color by 10%, you get **682B51**, and if you desaturate by 10%, it is **683F59**.

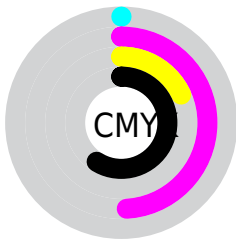
Distribution



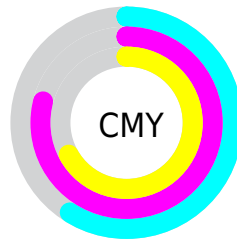
- Red (41%)
- Green (21%)
- Blue (33%)



- Red (41%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (49%)
- Yellow (18%)
- Black (59%)



- Cyan (59%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683555 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 683555 by changing the saturation by 10% instead.

 683555

 683555

FFFFFF

 4F1E3E

 9C6587

 370628

 B87FA1

 240014

 D499BC

 000000

 F1B4D8

 FFD0F4

 FFECFF

 683555

 683555

 682B51

 683F59

68204D

684A5D

681649

685461

680B46

685F64

680142

686968

680041

68736C

687E70

688874

689378

Harmonies

Analogous

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



533D68



683555



70333E

Triad

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



683555



4B4818



005063

Complementary

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



683555



356848

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.



00514E



683555



324D23

Square

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



683555



5F401B



0C5037



004C70

Rectangle

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



683555



6E3530



0C5037



00515D

Sweetspot

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



683555



877380



483568



453840



C4C4C4



454545

Same Dimension

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



683555



873769



68353C



332E31



730048



F20098

Inverse Universe

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



683555



873769



356861



332E31



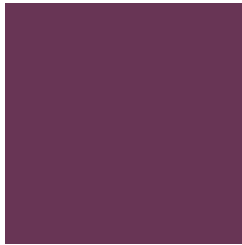
730048



F20098

Previews

White Background



This preview shows how the Hex color 683555 looks on a white background.

Color Contrast Check

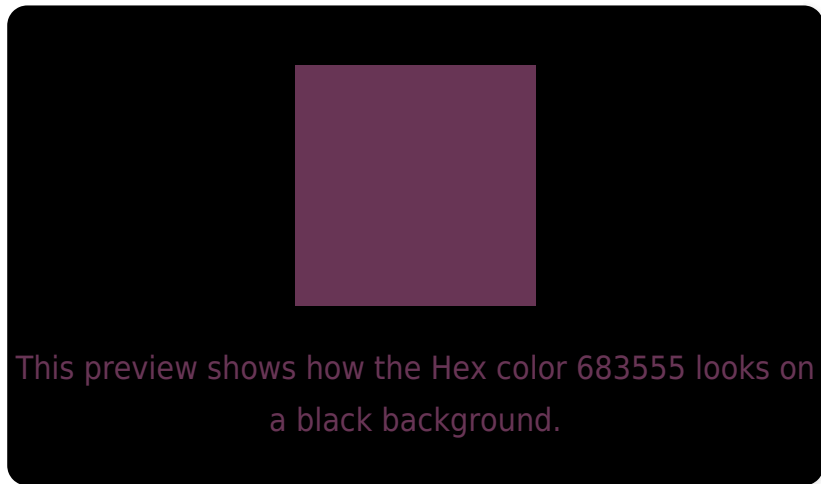
Large Text (above 18pt) WCAG AA ✓ Pass

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

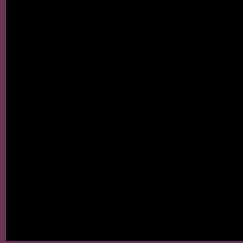
Any Text WCAG AA × Fail

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 683555 Background



This preview shows how black text looks on a background with the Hex color 683555.



This preview shows how white text looks on a background with the Hex color 683555.

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
683555

Protanopia
3F4661

Deuteranopia
484552



Tritanopia
663A3E

Trichromacy



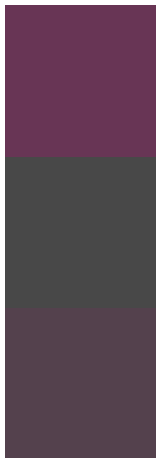
Original Color
683555

Protanomaly
4E405D

Deuteranomaly
543F53

Tritanomaly
673846

Monochromacy



Original Color
683555

Achromatopsia
484848

Achromatomaly
54414D

CSS Examples

Text

The CSS property to change the color of the text to Hex 683555 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 #683555 looks like.

```
.text, #text, p{  
    color:#683555  
}
```

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 #683555 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683555
}
```

Border

The CSS property to change the border of an element to Hex 683555 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
#683555 }
```

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

```
.border{ border-color:#683555 }
```

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

Here you see how a box with a 4 pixel #683555 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683555; -webkit-box-shadow:4px 4px  
4px 4px #683555; box-shadow:4px 4px 4px  
4px #683555 }
```

Background

The CSS property to change the background color of an element to Hex 683555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683555 }
```

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

```
.background{ background-color:#683555 }
```

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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