

# Converting Colors

Hex(683956)

Have a look what the booklet for  
Hex(683956) contains.

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# Color

**Hex(683956)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	683956
RGB	104, 57, 86
RGB Percent	41%, 22%, 34%
CMY	0.5922, 0.7765, 0.6627
CMYK	0.00, 0.45, 0.17, 0.59
HSL	323°, 29%, 32%
HSV	323°, 45%, 41%
XYZ	8.8518, 6.5412, 9.6001
YIQ	74.3590, 18.7030, 18.9830

# Conversions

## Conversions Part 2

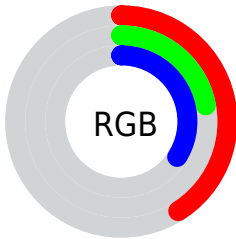
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 57, 86
Decimal	6830422
CIE <sub>Lab</sub>	30.74, 25.18, -8.43
CIE <sub>LCh</sub>	31, 26.553, 341.484
Yxy	6.5412, 0.3542, 0.2617
Android (android.graphics.Color)	4285020502 (0xFF683956)
YUV	74.3590, 5.7390, 25.9952
Hunter-Lab	25.5758, 17.0212, -4.3521

# Details

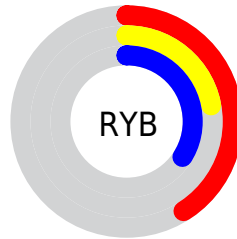
The Hex color **683956** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39684B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **9C6988**, and **370B29** is the 20% darker color. If you saturate the color by 10%, you get **682F52**, and if you desaturate by 10%, it is **68435A**.

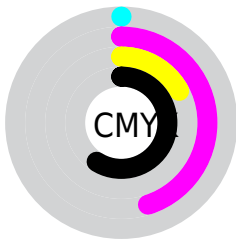
# Distribution



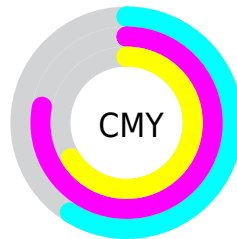
- Red (41%)
- Green (22%)
- Blue (34%)



- Red (41%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (45%)
- Yellow (17%)
- Black (59%)



- Cyan (59%)
- Magenta (78%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 683956 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 683956 by changing the saturation by 10% instead.



683956

683956

FFFFFF

4F223F

9C6988

370B29

B883A2

240015

D49DBD

000000

F0B8D9

FFD4F5

FFF1FF

683956

683956

682F52

68435A

68244E

684E5E

681A4A

685862

680F46

686366

680542

686D6A

680040

68776E

688272

688C76

68977A

# Harmonies

## Analogous

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



544068



683956



703741

# Triad

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



683956



4D4A1E



005263

# Complementary

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



683956



39684B

# 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.



005350



683956



364F28

# Square

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



683956



604321



18523A



004E6F

# Rectangle

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



683956



6E3934



18523A



00525D



# Sweetspot

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



683956



877480



4A3968



453940



C4C4C4



454545



# Same Dimension

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



683956



873E6B



68393F



332E31



730047



F20095



# Inverse Universe

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



683956



873E6B



396862



332E31



730047

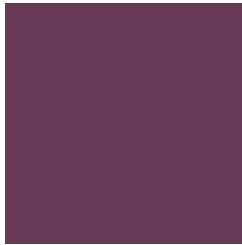


F20095



# Previews

## White Background



This preview shows how the Hex color 683956 looks on a white background.

## Color Contrast Check

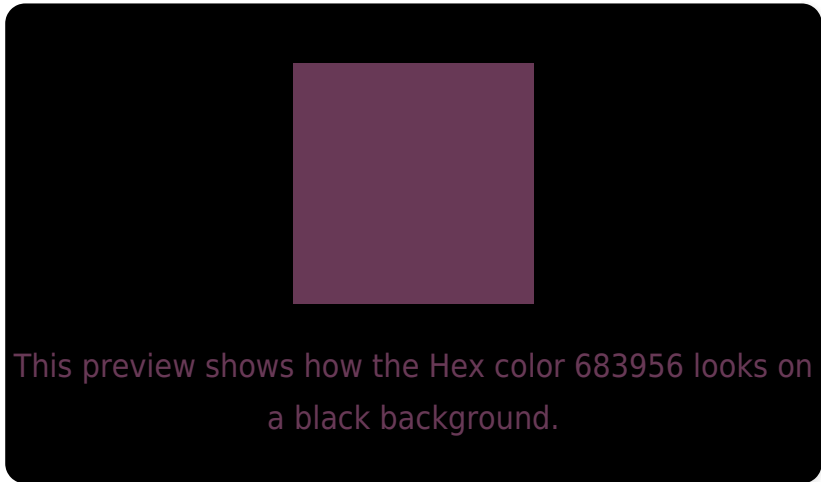
Large Text (above 18pt) WCAG AA ✓ Pass

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

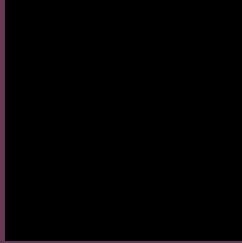
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 683956 Background



This preview shows how black text looks on a background with the Hex color 683956.



This preview shows how white text looks on a background with the Hex color 683956.

# 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**  
683956

**Protanopia**  
424861

**Deuteranopia**  
4B4754



**Tritanopia**  
663D42

# Trichromacy



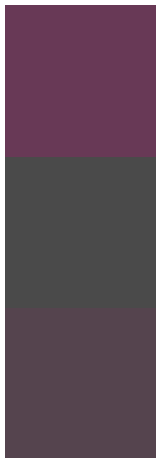
**Original Color**  
683956

**Protanomaly**  
50435D

**Deuteranomaly**  
564255

**Tritanomaly**  
673C49

# Monochromacy



**Original Color**  
683956

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
55444E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 683956 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 #683956 looks like.

```
.text, #text, p{  
    color:#683956  
}
```

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 #683956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683956
}
```

## Border

The CSS property to change the border of an element to Hex 683956 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".

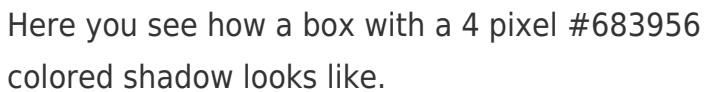
```
.border, #border, table{ border:4px solid
#683956 }
```

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

```
.border{ border-color:#683956 }
```

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

Here you see how a box with a 4 pixel #683956 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683956; -webkit-box-shadow:4px 4px  
4px 4px #683956; box-shadow:4px 4px 4px  
4px #683956 }
```

# Background

The CSS property to change the background color of an element to Hex 683956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683956 }
```

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

```
.background{ background-color:#683956 }
```

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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