

Converting Colors

Hex(683A60)

Have a look what the booklet for
Hex(683A60) contains.

Hex(683A60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(683A60)

Conversions

Conversions Part 1

Format	Color
Hex	683A60
RGB	104, 58, 96
RGB Percent	41%, 23%, 38%
CMY	0.5922, 0.7725, 0.6235
CMYK	0.00, 0.44, 0.08, 0.59
HSL	310°, 28%, 32%
HSV	310°, 44%, 41%
XYZ	9.3333, 6.8137, 11.8896
YIQ	76.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

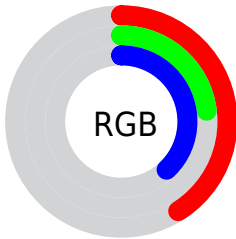
Format	Color
R_{YB}	104, 58, 96
Decimal	6830688
CIE _{Lab}	31.38, 26.46, -13.91
CIE _{LCh}	31, 29.888, 332.272
Yxy	6.8137, 0.3329, 0.2430
Android (android.graphics.Color)	4285020768 (0xFF683A60)
YUV	76.0860, 9.8176, 24.4806
Hunter-Lab	26.1031, 18.1433, -8.7336

Details

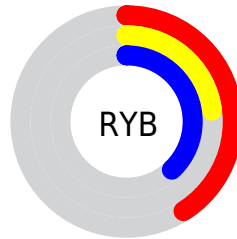
The Hex color **683A60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A6842**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **9C6B93**, and **370C32** is the 20% darker color. If you saturate the color by 10%, you get **68305E**, and if you desaturate by 10%, it is **684462**.

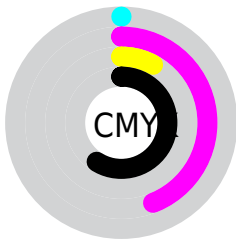
Distribution



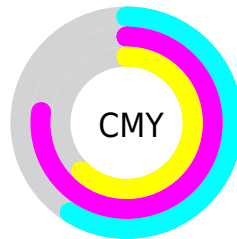
- Red (41%)
- Green (23%)
- Blue (38%)



- Red (41%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (44%)
- Yellow (8%)
- Black (59%)



- Cyan (59%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 683A60 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 683A60 by changing the saturation by 10% instead.

 683A60

 683A60

FFFFFF

 4F2348

 9C6B93

 370C32

 B784AD

 24001D

 D39FC9

 000000

 F0BAE5

 FFD6FF

 FFF2FF

 683A60

 683A60

 68305E

 684462

68255C

684F64

681B5B

685965

681059

686467

680657

686E69

680056

68786B

68836D

688D6E

689870

Harmonies

Analogous

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



4E4371



683A60



743649

Triad

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



683A60



564919



005562

Complementary

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



683A60



3A6842

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.



00564B



683A60



3E5020

Square

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



683A60



684120



1D5433



005273

Rectangle

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



683A60



753739



1D5433



00555B

Sweetspot

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



683A60



877684



423A68



453A43



C4C4C4



454545

Same Dimension

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



683A60



87407B



683A49



332E32



73005F



F200C8

Inverse Universe

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



683A60



87407B



3A6859



332E32



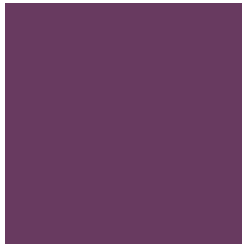
73005F



F200C8

Previews

White Background



This preview shows how the Hex color 683A60 looks on a white background.

Color Contrast Check

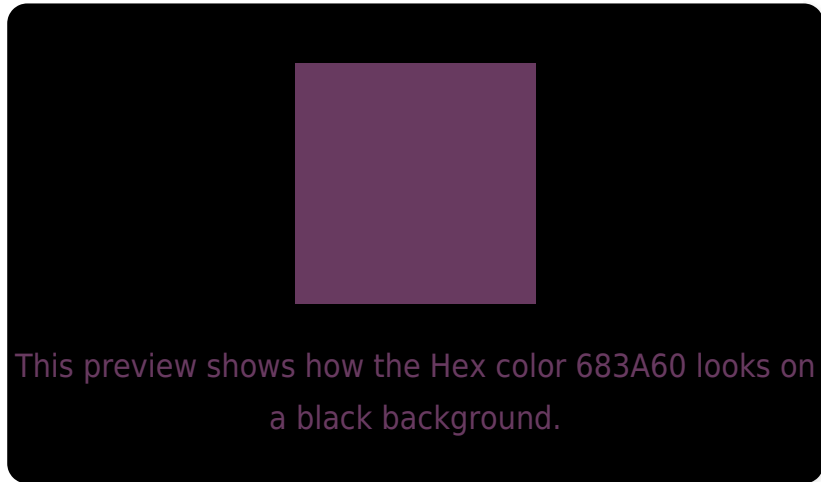
Large Text (above 18pt) WCAG AA ✓ Pass

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

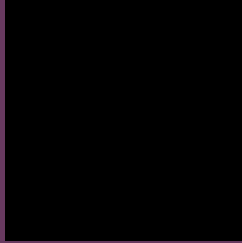
Any Text WCAG AA × Fail

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 683A60 Background



This preview shows how black text looks on a background with the Hex color 683A60.



This preview shows how white text looks on a background with the Hex color 683A60.

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
683A60

Protanopia
3F496C

Deuteranopia
48495D



Tritanopia
654045

Trichromacy



Original Color
683A60

Protanomaly
4E4468

Deuteranomaly
54445E

Tritanomaly
663E4F

Monochromacy



Original Color
683A60

Achromatopsia
4C4C4C

Achromatomaly
564553

CSS Examples

Text

The CSS property to change the color of the text to Hex 683A60 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 #683A60 looks like.

```
.text, #text, p{  
    color:#683A60  
}
```

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 #683A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #683A60
}
```

Border

The CSS property to change the border of an element to Hex 683A60 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
#683A60 }
```

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

```
.border{ border-color:#683A60 }
```

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

Here you see how a box with a 4 pixel #683A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #683A60; -webkit-box-shadow:4px 4px  
4px 4px #683A60; box-shadow:4px 4px 4px  
4px #683A60 }
```

Background

The CSS property to change the background color of an element to Hex 683A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#683A60 }
```

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

```
.background{ background-color:#683A60 }
```

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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