

# Converting Colors

Hex(681B43)

Have a look what the booklet for  
Hex(681B43) contains.

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**Color**

**Hex(681B43)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	681B43
RGB	104, 27, 67
RGB Percent	41%, 11%, 26%
CMY	0.5922, 0.8941, 0.7373
CMYK	0.00, 0.74, 0.36, 0.59
HSL	329°, 59%, 26%
HSV	329°, 74%, 41%
XYZ	7.1140, 4.1322, 5.7328
YIQ	54.5830, 33.0520, 28.7640

# Conversions

## Conversions Part 2

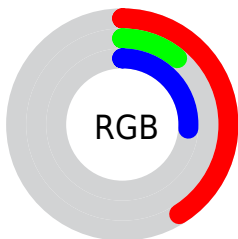
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 27, 67
Decimal	6822723
CIELab	24.10, 37.85, -5.82
CIELCh	24, 38.298, 351.265
Yxy	4.1322, 0.4190, 0.2434
Android (android.graphics.Color)	4285012803 (0xFF681B43)
YUV	54.5830, 6.1216, 43.3387
Hunter-Lab	20.3277, 26.8950, -2.4916

# Details

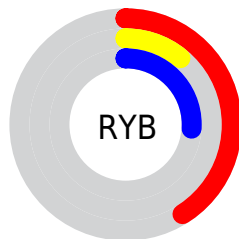
The Hex color **681B43** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1B6840**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9E4E73**, and **350018** is the 20% darker color. If you saturate the color by 10%, you get **68113E**, and if you desaturate by 10%, it is **682548**.

# Distribution



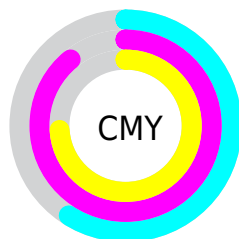
- Red (41%)
- Green (11%)
- Blue (26%)



- Red (41%)
- Yellow (11%)
- Blue (26%)



- Cyan (0%)
- Magenta (74%)
- Yellow (36%)
- Black (59%)



- Cyan (59%)
- Magenta (89%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681B43 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 681B43 by changing the saturation by 10% instead.



 681B43

 681B43

FFFFFF

 4E002D

 9E4E73

 350018

 BA678C

 190001

 D781A7

 000000

 F49CC2

 FFB7DE

 FFD4FA

 FFF0FF

 681B43

 681B43

■ 68113E

■ 682548

■ 680639

■ 68304D

■ 680036

■ 683A52

■ 684557

■ 684F5C

■ 685961

■ 686466

■ 686E6B

■ 687970

# Harmonies

## Analogous

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



53275E



681B43



6C1C26

# Triad

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



681B43



333E00



004566

# Complementary

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



681B43



1B6840

# 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.



00464D



681B43



074312

# Square

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



681B43



4E3500



004630



003F72

# Rectangle

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



681B43



662414



004630



00455F



# Sweetspot

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



681B43



876979



3F1B68



45333C



C4C4C4



454545



# Same Dimension

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



681B43



870F4D



681B1E



332E31



73003C



F2007E



# Inverse Universe

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



681B43



870F4D



1B6865



332E31



73003C

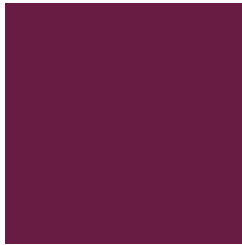


F2007E



# Previews

## White Background



This preview shows how the Hex color 681B43 looks on a white background.

## Color Contrast Check

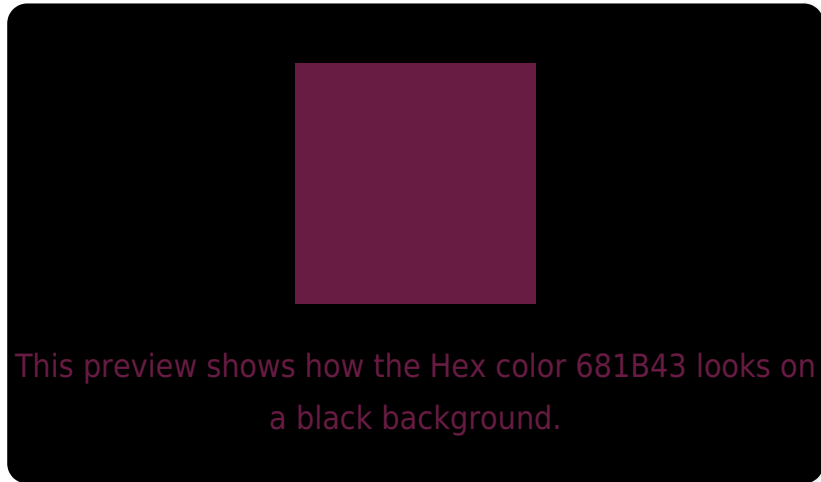
Large Text (above 18pt) WCAG AA ✓ Pass

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

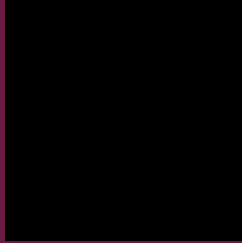
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 681B43 Background



This preview shows how black text looks on a background with the Hex color 681B43.

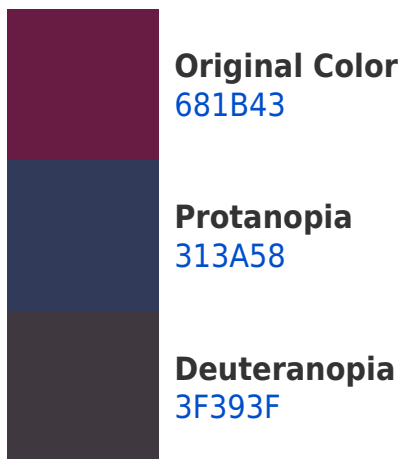


This preview shows how white text looks on a background with the Hex color 681B43.

# 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





# Trichromacy



**Original Color**  
681B43

**Protanomaly**  
452F50

**Deuteranomaly**  
4E2E40

**Tritanomaly**  
672030

# Monochromacy



**Original Color**  
681B43

**Achromatopsia**  
373737

**Achromatomaly**  
492D3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681B43 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 #681B43 looks like.

```
.text, #text, p{  
    color:#681B43  
}
```

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 #681B43 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681B43
}
```

## Border

The CSS property to change the border of an element to Hex 681B43 is called "border". The border property can be set on classes, ids or directly on the HTML element.

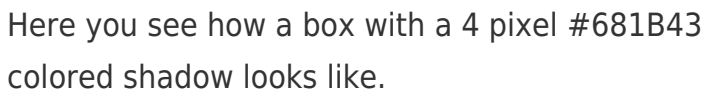
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681B43 }
```

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

```
.border{ border-color:#681B43 }
```

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



Here you see how a box with a 4 pixel #681B43 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681B43; -webkit-box-shadow:4px 4px  
4px 4px #681B43; box-shadow:4px 4px 4px  
4px #681B43 }
```

# Background

The CSS property to change the background color of an element to Hex 681B43 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681B43 }
```

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

```
.background{ background-color:#681B43 }
```

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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