

# Converting Colors

Hex(681D59)

Have a look what the booklet for  
Hex(681D59) contains.

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# Color

**Hex(681D59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	681D59
RGB	104, 29, 89
RGB Percent	41%, 11%, 35%
CMY	0.5922, 0.8863, 0.6510
CMYK	0.00, 0.72, 0.14, 0.59
HSL	312°, 56%, 26%
HSV	312°, 72%, 41%
XYZ	7.9515, 4.5431, 9.9090
YIQ	58.2650, 25.4400, 34.5600

# Conversions

## Conversions Part 2

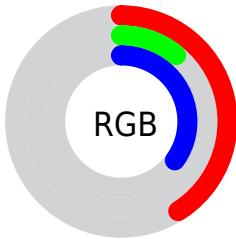
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	104, 29, 89
Decimal	6823257
CIE <sub>Lab</sub>	25.39, 40.27, -18.60
CIE <sub>LCh</sub>	25, 44.355, 335.212
Yxy	4.5431, 0.3549, 0.2028
Android (android.graphics.Color)	4285013337 (0xFF681D59)
YUV	58.2650, 15.1524, 40.1096
Hunter-Lab	21.3144, 29.2900, -12.6436

# Details

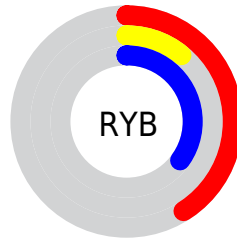
The Hex color **681D59** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D682C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **9E508B**, and **36002B** is the 20% darker color. If you saturate the color by 10%, you get **681357**, and if you desaturate by 10%, it is **68275B**.

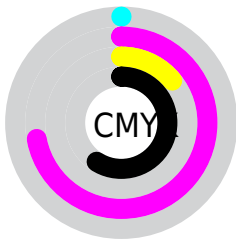
# Distribution



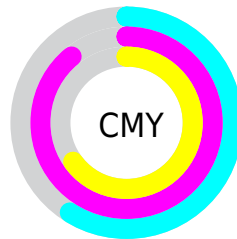
- Red (41%)
- Green (11%)
- Blue (35%)



- Red (41%)
- Yellow (11%)
- Blue (35%)



- Cyan (0%)
- Magenta (72%)
- Yellow (14%)
- Black (59%)



- Cyan (59%)
- Magenta (89%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 681D59 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 681D59 by changing the saturation by 10% instead.



 681D59

 681D59

FFFFFF

 4E0041

 9E508B

 36002B

 B96AA6

 1D0016

 D684C1

 000000

 F39FDD

 FFBAF9

 FFD6FF

 FFF3FF

 681D59

 681D59

■ 681357

■ 68275B

■ 680855

■ 68325D

■ 680053

■ 683C5F

■ 684761

■ 685163

■ 685B65

■ 686668

■ 68706A

■ 687B6C

# Harmonies

## Analogous

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



423074



681D59



761138

# Triad

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



681D59



463D00



004A62

# Complementary

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



681D59



1D682C

# 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.



004B41



681D59



214500

# Square

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



681D59



603000



00491E



004779

# Rectangle

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



681D59



751822



00491E



004B58



# Sweetspot

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



681D59



876981



2C1D68



453341



C4C4C4



454545



# Same Dimension

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



681D59



871270



681D34



332E32



73005C



F200C2



# Inverse Universe

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



681D59



871270



1D6852



332E32



73005C



F200C2



# Previews

## White Background



This preview shows how the Hex color 681D59 looks on a white background.

## Color Contrast Check

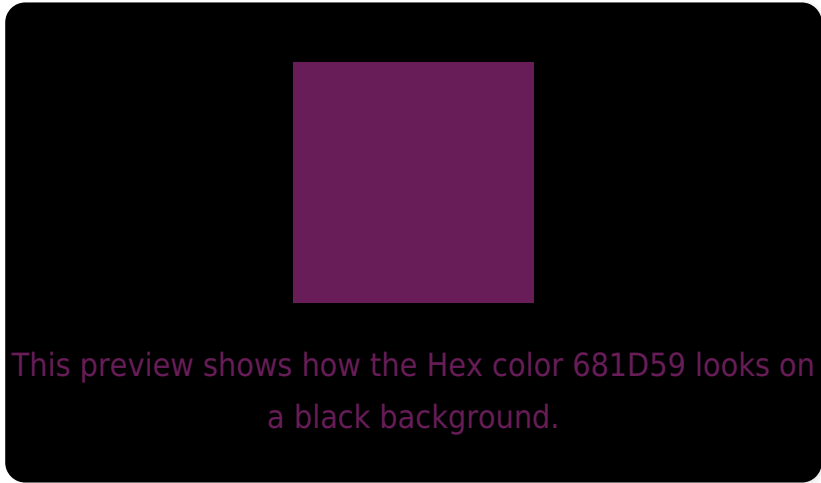
Large Text (above 18pt) WCAG AA ✓ Pass

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

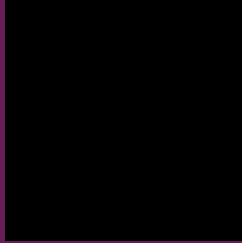
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 681D59 Background



This preview shows how black text looks on a background with the Hex color 681D59.



This preview shows how white text looks on a background with the Hex color 681D59.

# 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





**Tritanopia**  
642B2E

# Trichromacy



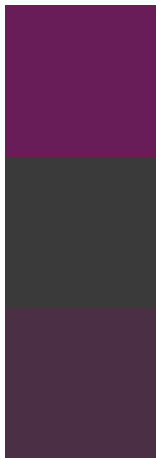
**Original Color**  
681D59

**Protanomaly**  
3A316A

**Deuteranomaly**  
483156

**Tritanomaly**  
65263E

# Monochromacy



**Original Color**  
681D59

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
4B2F45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 681D59 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 #681D59 looks like.

```
.text, #text, p{  
    color:#681D59  
}
```

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 #681D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #681D59
}
```

## Border

The CSS property to change the border of an element to Hex 681D59 is called "border". The border property can be set on classes, ids or directly on the HTML element.

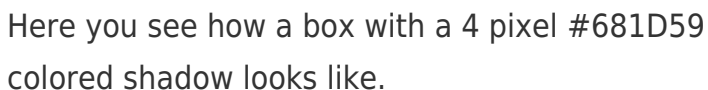
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#681D59 }
```

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

```
.border{ border-color:#681D59 }
```

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



Here you see how a box with a 4 pixel #681D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #681D59; -webkit-box-shadow:4px 4px  
4px 4px #681D59; box-shadow:4px 4px 4px  
4px #681D59 }
```

# Background

The CSS property to change the background color of an element to Hex 681D59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#681D59 }
```

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

```
.background{ background-color:#681D59 }
```

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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