

# Converting Colors

Hex(691C52)

Have a look what the booklet for  
Hex(691C52) contains.

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# Color

**Hex(691C52)**

# Conversions

## Conversions Part 1

Format	Color
Hex	691C52
RGB	105, 28, 82
RGB Percent	41%, 11%, 32%
CMY	0.5882, 0.8902, 0.6784
CMYK	0.00, 0.73, 0.22, 0.59
HSL	318°, 58%, 26%
HSV	318°, 73%, 41%
XYZ	7.7639, 4.4430, 8.4310
YIQ	57.1790, 28.5580, 33.1180

# Conversions

## Conversions Part 2

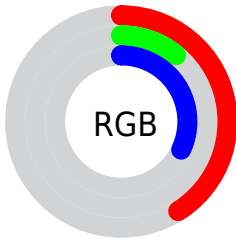
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 28, 82
Decimal	6888530
CIELab	25.08, 39.86, -14.41
CIElCh	25, 42.380, 340.123
Yxy	4.4430, 0.3762, 0.2153
Android (android.graphics.Color)	4285078610 (0xFF691C52)
YUV	57.1790, 12.2368, 41.9390
Hunter-Lab	21.0783, 28.8612, -8.9603

# Details

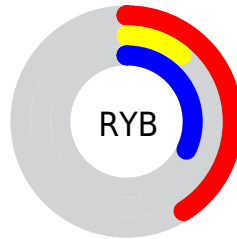
The Hex color **691C52** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1C6933**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **9F4F84**, and **360025** is the 20% darker color. If you saturate the color by 10%, you get **69124F**, and if you desaturate by 10%, it is **692755**.

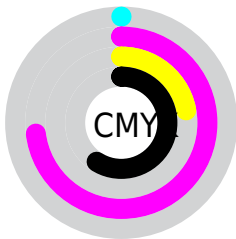
# Distribution



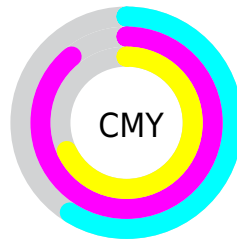
- Red (41%)
- Green (11%)
- Blue (32%)



- Red (41%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (73%)
- Yellow (22%)
- Black (59%)



- Cyan (59%)
- Magenta (89%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 691C52 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 691C52 by changing the saturation by 10% instead.



 691C52

 691C52

FFFFFF

 4F003B

 9F4F84

 360025

 BB699E

 1E000F

 D783B9

 000000

 F49ED4

 FFB9F1

 FFD5FF

 FFF2FF

 691C52

 691C52

69124F

692755

69074C

693158

69004A

693B5B

69465F

695162

695B65

696668

69706B

697B6E

# Harmonies

## Analogous

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



492D6D



691C52



731532

# Triad

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



691C52



403E00



004964

# Complementary

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



691C52



1C6933

# 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.



004A46



691C52



1B4501

# Square

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



691C52



5B3200



004824



004578

# Rectangle

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



691C52



711D1D



004824



00495B



# Sweetspot

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



691C52



8A6B81



321C69



453340



C4C4C4



454545



# Same Dimension

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



691C52



8A1166



691C2D



363034



750052



F500AC



# Inverse Universe

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



691C52



8A1166



1C6958



363034



750052

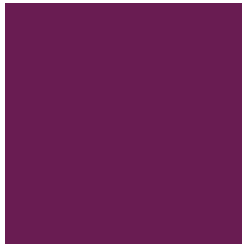


F500AC



# Previews

## White Background



This preview shows how the Hex color 691C52 looks on a white background.

## Color Contrast Check

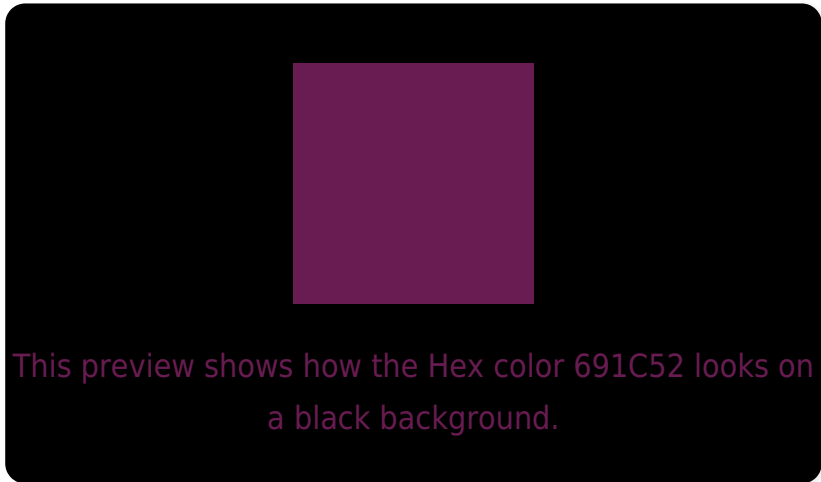
Large Text (above 18pt) WCAG AA ✓ Pass

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

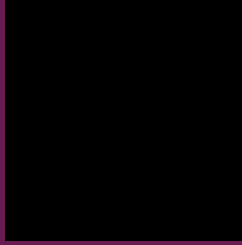
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 691C52 Background



This preview shows how black text looks on a background with the Hex color 691C52.



This preview shows how white text looks on a background with the Hex color 691C52.

# 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**  
691C52

**Protanopia**  
273B6B

**Deuteranopia**  
3A3C4E



**Tritanopia**  
66282B

# Trichromacy



**Original Color**  
691C52

**Protanomaly**  
3F3062

**Deuteranomaly**  
4B304F

**Tritanomaly**  
672439

# Monochromacy



**Original Color**  
691C52

**Achromatopsia**  
393939

**Achromatomaly**  
4A2E42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 691C52 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 #691C52 looks like.

```
.text, #text, p{  
    color:#691C52  
}
```

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 #691C52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #691C52
}
```

## Border

The CSS property to change the border of an element to Hex 691C52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

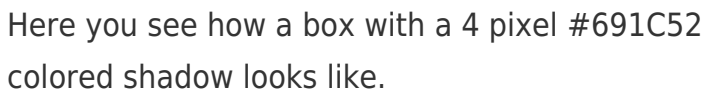
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#691C52 }
```

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

```
.border{ border-color:#691C52 }
```

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



Here you see how a box with a 4 pixel #691C52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #691C52; -webkit-box-shadow:4px 4px  
4px 4px #691C52; box-shadow:4px 4px 4px  
4px #691C52 }
```

# Background

The CSS property to change the background color of an element to Hex 691C52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#691C52 }
```

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

```
.background{ background-color:#691C52 }
```

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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