

# Converting Colors

Hex(691833)

Have a look what the booklet for  
Hex(691833) contains.

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**Color**

**Hex(691833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	691833
RGB	105, 24, 51
RGB Percent	41%, 9%, 20%
CMY	0.5882, 0.9059, 0.8000
CMYK	0.00, 0.77, 0.51, 0.59
HSL	340°, 63%, 25%
HSV	340°, 77%, 41%
XYZ	6.7499, 3.8955, 3.5281
YIQ	51.2970, 39.6090, 25.5690

# Conversions

## Conversions Part 2

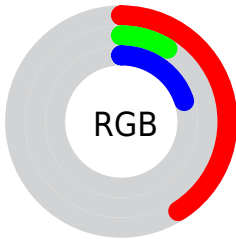
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 24, 51
Decimal	6887475
CIE Lab	23.32, 37.56, 4.04
CIE LCh	23, 37.777, 6.135
Yxy	3.8955, 0.4762, 0.2748
Android (android.graphics.Color)	4285077555 (0xFF691833)
YUV	51.2970, -0.1464, 47.0975
Hunter-Lab	19.7371, 26.5050, 3.2176

# Details

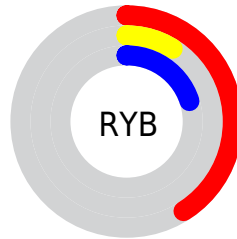
The Hex color **691833** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **18694E**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **A04B61**, and **360004** is the 20% darker color. If you saturate the color by 10%, you get **690D2C**, and if you desaturate by 10%, it is **69223A**.

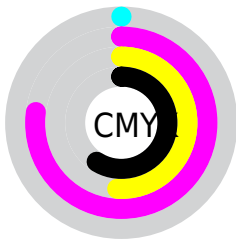
# Distribution



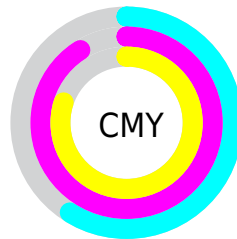
- Red (41%)
- Green (9%)
- Blue (20%)



- Red (41%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (77%)
- Yellow (51%)
- Black (59%)



- Cyan (59%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 691833 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 691833 by changing the saturation by 10% instead.



 691833

 691833

FFFFFF

 4E001E

 A04B61

 360004

 BC647A

 140000

 D97F94

 000000

 F799AE

 FF5C9

 FFD1E6

 FFEDFF

 691833

 691833

■ 690D2C

■ 69223A

■ 690325

■ 692D41

■ 690023

■ 693748

■ 69424F

■ 694C56

■ 69575D

■ 696264

■ 696C6B

■ 697672

# Harmonies

## Analogous

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



5D1F4F



691833



652018

# Triad

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



691833



213F02



00416B

# Complementary

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



691833



18694E

# 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.



004458



691833



00431F

# Square

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



691833



403800



00443D



003970

# Rectangle

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



691833



5C2905



00443D



004266



# Sweetspot

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



691833



8A6A75



4E1869



453238



C4C4C4



454545



# Same Dimension

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



691833



8A0A34



692518



363032



750027



F50052



# Inverse Universe

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



691833



8A0A34



185B69



363032



750027

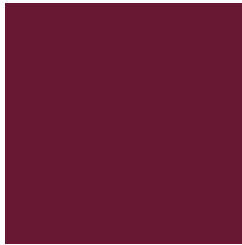


F50052



# Previews

## White Background



This preview shows how the Hex color 691833 looks on a white background.

## Color Contrast Check

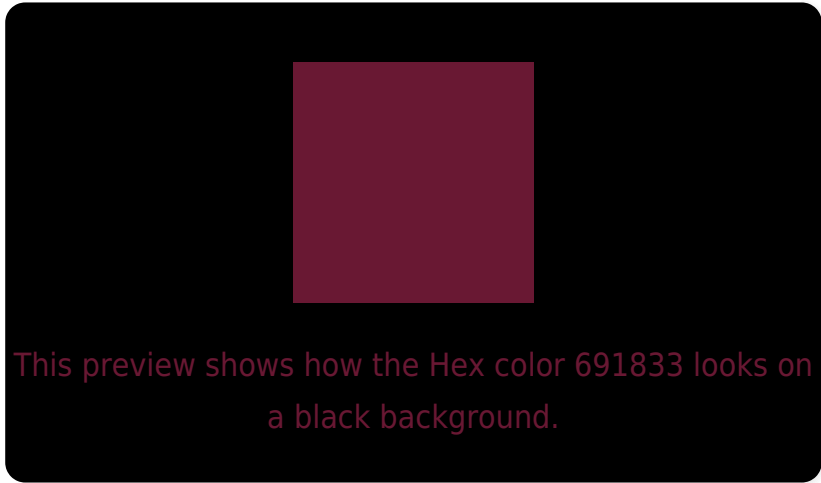
Large Text (above 18pt) WCAG AA ✓ Pass

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

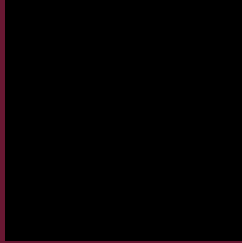
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 691833 Background



This preview shows how black text looks on a background with the Hex color 691833.



This preview shows how white text looks on a background with the Hex color 691833.

# 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**  
691833

**Protanopia**  
373945

**Deuteranopia**  
42372F



**Tritanopia**  
681D1E

# Trichromacy



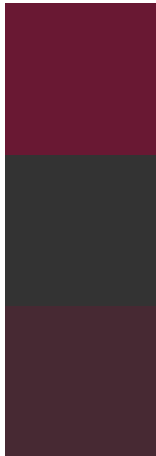
**Original Color**  
691833

**Protanomaly**  
492D3E

**Deuteranomaly**  
502C30

**Tritanomaly**  
681B26

# Monochromacy



**Original Color**  
691833

**Achromatopsia**  
333333

**Achromatomaly**  
472933

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 691833 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 #691833 looks like.

```
.text, #text, p{  
    color:#691833  
}
```

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 #691833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #691833
}
```

## Border

The CSS property to change the border of an element to Hex 691833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

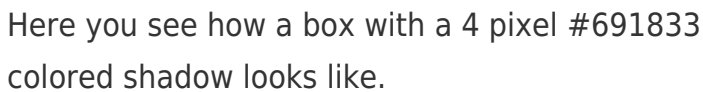
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#691833 }
```

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

```
.border{ border-color:#691833 }
```

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



Here you see how a box with a 4 pixel #691833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #691833; -webkit-box-shadow:4px 4px  
4px 4px #691833; box-shadow:4px 4px 4px  
4px #691833 }
```

# Background

The CSS property to change the background color of an element to Hex 691833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#691833 }
```

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

```
.background{ background-color:#691833 }
```

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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