

# Converting Colors

Hex(651239)

Have a look what the booklet for  
Hex(651239) contains.

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# Color

**Hex(651239)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	651239
RGB	101, 18, 57
RGB Percent	40%, 7%, 22%
CMY	0.6039, 0.9294, 0.7765
CMYK	0.00, 0.82, 0.44, 0.60
HSL	332°, 70%, 23%
HSV	332°, 82%, 40%
XYZ	6.3217, 3.4947, 4.2123
YIQ	47.2630, 36.9490, 29.7250

# Conversions

## Conversions Part 2

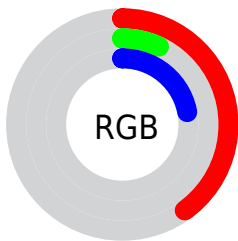
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 18, 57
Decimal	6623801
CIE Lab	21.93, 39.11, -2.25
CIE LCh	22, 39.176, 356.703
Yxy	3.4947, 0.4506, 0.2491
Android (android.graphics.Color)	4284813881 (0xFF651239)
YUV	47.2630, 4.8003, 47.1273
Hunter-Lab	18.6942, 27.6471, -0.2736

# Details

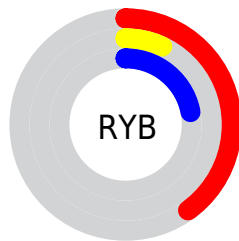
The Hex color **651239** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12653E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9B4768**, and **33000E** is the 20% darker color. If you saturate the color by 10%, you get **650834**, and if you desaturate by 10%, it is **651C3E**.

# Distribution



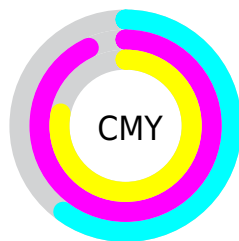
- Red (40%)
- Green (7%)
- Blue (22%)



- Red (40%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (44%)
- Black (60%)



- Cyan (60%)
- Magenta (93%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 651239 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 651239 by changing the saturation by 10% instead.



 651239

 651239

FFFFFF

 4B0024

 9B4768

 33000E

 B86081

 0B0000

 D47A9B

 000000

 F295B6

 FFB0D1

 FFCCEE

 FFE9FF

 651239

 651239

■ 650834

■ 651C3E

■ 65002F

■ 652644

■ 653049

■ 653A4E

■ 654554

■ 654F59

■ 65595E

■ 656364

■ 656D69

# Harmonies

## Analogous

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



541F55



651239



66171C

# Triad

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



651239



293A00



003F65

# Complementary

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



651239



12653E

# 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.



00414E



651239



003F12

# Square

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



651239



443200



004130



00396F

# Rectangle

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



651239



5E2109



004130



00405E



# Sweetspot

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



651239



826271



3D1265



422E38



C2C2C2



424242



# Same Dimension

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



651239



82013E



651312



332E30



730036



F20072



# Inverse Universe

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



651239



82013E



126465



332E30



730036

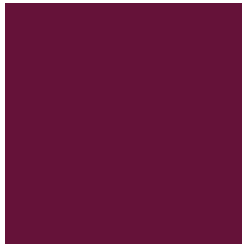


F20072



# Previews

## White Background



This preview shows how the Hex color 651239 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

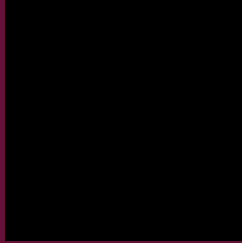
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 651239 Background



This preview shows how black text looks on a background with the Hex color 651239.



This preview shows how white text looks on a background with the Hex color 651239.

# 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**  
651239

**Protanopia**  
2F364E

**Deuteranopia**  
3C3535



# Trichromacy



**Original Color**

651239

**Protanomaly**

432946

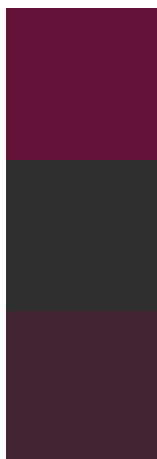
**Deuteranomaly**

4B2836

**Tritanomaly**

641827

# Monochromacy



**Original Color**

651239

**Achromatopsia**

2F2F2F

**Achromatomaly**

432433

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 651239 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 #651239 looks like.

```
.text, #text, p{  
    color:#651239  
}
```

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 #651239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #651239
}
```

## Border

The CSS property to change the border of an element to Hex 651239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

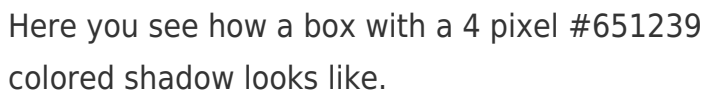
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#651239 }
```

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

```
.border{ border-color:#651239 }
```

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



Here you see how a box with a 4 pixel #651239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #651239; -webkit-box-shadow:4px 4px  
4px 4px #651239; box-shadow:4px 4px 4px  
4px #651239 }
```

# Background

The CSS property to change the background color of an element to Hex 651239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#651239 }
```

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

```
.background{ background-color:#651239 }
```

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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