

# Converting Colors

Hex(651137)

Have a look what the booklet for  
Hex(651137) contains.

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**Color**

**Hex(651137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	651137
RGB	101, 17, 55
RGB Percent	40%, 7%, 22%
CMY	0.6039, 0.9333, 0.7843
CMYK	0.00, 0.83, 0.46, 0.60
HSL	333°, 71%, 23%
HSV	333°, 83%, 40%
XYZ	6.2569, 3.4434, 3.9493
YIQ	46.4480, 37.8660, 29.6260

# Conversions

## Conversions Part 2

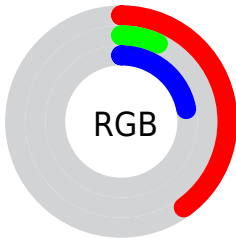
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 17, 55
Decimal	6623543
CIELab	21.74, 39.22, -1.14
CIELCh	22, 39.237, 358.340
Yxy	3.4434, 0.4584, 0.2523
Android (android.graphics.Color)	4284813623 (0xFF651137)
YUV	46.4480, 4.2161, 47.8421
Hunter-Lab	18.5565, 27.7126, 0.3711

# Details

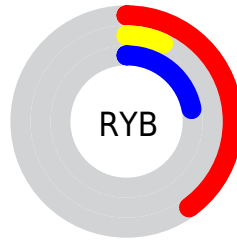
The Hex color **651137** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **11653F**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9C4666**, and **34000B** is the 20% darker color. If you saturate the color by 10%, you get **650731**, and if you desaturate by 10%, it is **651B3D**.

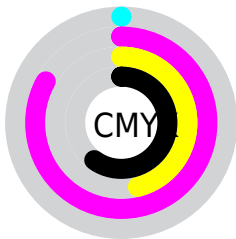
# Distribution



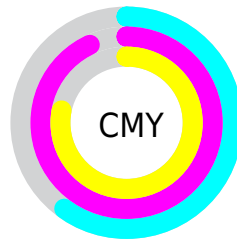
- Red (40%)
- Green (7%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (83%)
- Yellow (46%)
- Black (60%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 651137 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 651137 by changing the saturation by 10% instead.



 651137

 651137

FFFFFF

 4B0022

 9C4666

 34000B

 B85F7F

 090000

 D57998

 000000

 F294B3

 FFAFCF

 FFCBEB

 FFE8FF

 651137

 651137

■ 650731

■ 651B3D

■ 65002E

■ 652542

■ 652F48

■ 65394D

■ 654453

■ 654E58

■ 65585E

■ 656263

■ 656C69

# Harmonies

## Analogous

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



551D53



651137



65171A

# Triad

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



651137



263A00



003E66

# Complementary

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



651137



11653F

# 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.



00414F



651137



003F13

# Square

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



651137



433200



004132



00386F

# Rectangle

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



651137



5D2106



004132



00405F



# Sweetspot

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



651137



826270



3E1165



422E37



C2C2C2



424242



# Same Dimension

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



651137



82003B



651411



332E30



730034



F2006E



# Inverse Universe

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



651137



82003B



116265



332E30



730034

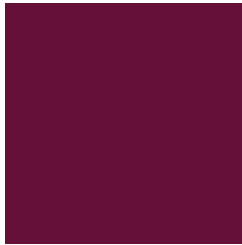


F2006E



# Previews

## White Background



This preview shows how the Hex color 651137 looks on a white background.

## Color Contrast Check

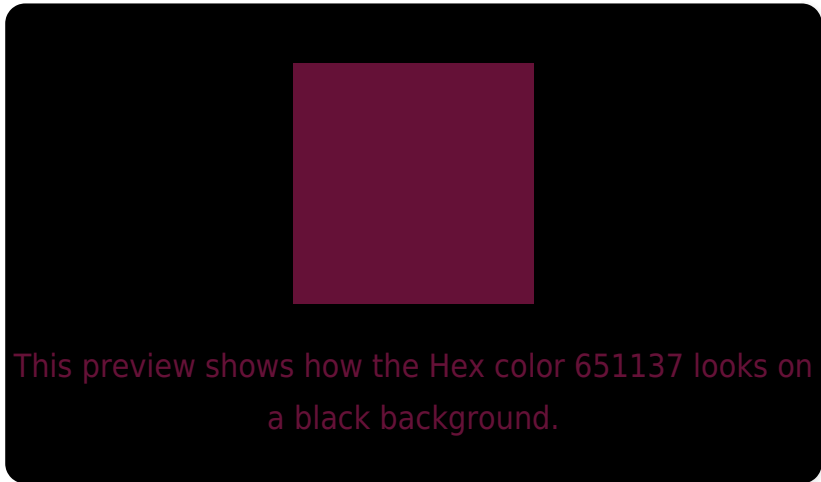
Large Text (above 18pt) WCAG AA ✓ Pass

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 651137 Background



This preview shows how black text looks on a background with the Hex color 651137.



This preview shows how white text looks on a background with the Hex color 651137.

# 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**  
651137

**Protanopia**  
2F354C

**Deuteranopia**  
3D3433



**Tritanopia**  
631A1B

# Trichromacy



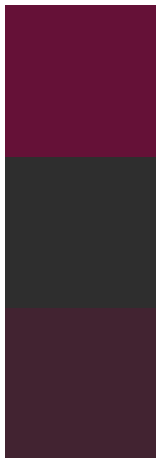
**Original Color**  
651137

**Protanomaly**  
432844

**Deuteranomaly**  
4C2734

**Tritanomaly**  
641725

# Monochromacy



**Original Color**  
651137

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
422331

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 651137 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 #651137 looks like.

```
.text, #text, p{  
    color:#651137  
}
```

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 #651137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #651137
}
```

## Border

The CSS property to change the border of an element to Hex 651137 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
#651137 }
```

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

```
.border{ border-color:#651137 }
```

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

Here you see how a box with a 4 pixel #651137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #651137; -webkit-box-shadow:4px 4px  
4px 4px #651137; box-shadow:4px 4px 4px  
4px #651137 }
```

# Background

The CSS property to change the background color of an element to Hex 651137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#651137 }
```

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

```
.background{ background-color:#651137 }
```

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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