

# Converting Colors

Hex(650A17)

Have a look what the booklet for  
Hex(650A17) contains.

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**Color**

**Hex(650A17)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	650A17
RGB	101, 10, 23
RGB Percent	40%, 4%, 9%
CMY	0.6039, 0.9608, 0.9098
CMYK	0.00, 0.90, 0.77, 0.60
HSL	351°, 82%, 22%
HSV	351°, 90%, 40%
XYZ	5.6300, 3.0456, 1.1017
YIQ	38.6910, 50.0630, 23.3350

# Conversions

## Conversions Part 2

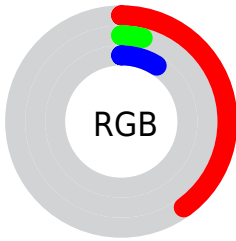
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	101, 10, 23
Decimal	6621719
CIE Lab	20.23, 38.76, 19.20
CIE LCh	20, 43.256, 26.351
Yxy	3.0456, 0.5758, 0.3115
Android (android.graphics.Color)	4284811799 (0xFF650A17)
YUV	38.6910, -7.7357, 54.6450
Hunter-Lab	17.4518, 27.0443, 8.4732

# Details

The Hex color **650A17** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A6558**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9E4142**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **65000E**, and if you desaturate by 10%, it is **651420**.

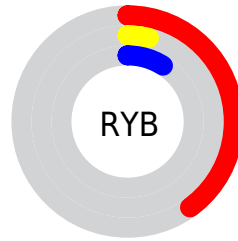
# Distribution



Red (40%)

Green (4%)

Blue (9%)



Red (40%)

Yellow (4%)

Blue (9%)

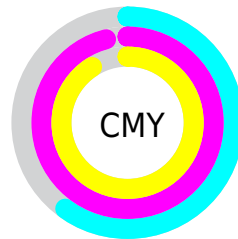


Cyan (0%)

Magenta (90%)

Yellow (77%)

Black (60%)



Cyan (60%)

Magenta (96%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 650A17 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 650A17 by changing the saturation by 10% instead.



 650A17

 650A17

 FFFFF9

 4A0000

 9E4142

 310002

 BB5A59

 000000

 D87471

 F68F8B

 FFAAA5

 FFC6C0

 FFE2DC

 650A17

 650A17

■ 65000E

■ 651420

■ 651E28

■ 652831

■ 65323A

■ 653D42

■ 65474B

■ 655154

■ 655B5C

■ 656565

# Harmonies

## Analogous

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



650136



650A17



582000

# Triad

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



650A17



003C08



003671

# Complementary

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



650A17



0A6558

# 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.



003C66



650A17



003E2C

# Square

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



650A17



233700



003E4C



222A6A

# Rectangle

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



650A17



492A00



003E4C



00396F



# Sweetspot

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



650A17



825F64



570A65



422D30



C2C2C2



424242



# Same Dimension

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



650A17



820013



652A0A



332E2F



730010



F20023



# Inverse Universe

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



650A17



820013



0A4565



332E2F



730010

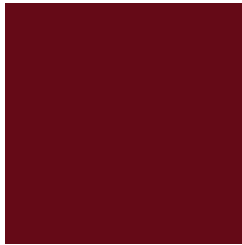


F20023



# Previews

## White Background



This preview shows how the Hex color 650A17 looks on a white background.

## Color Contrast Check

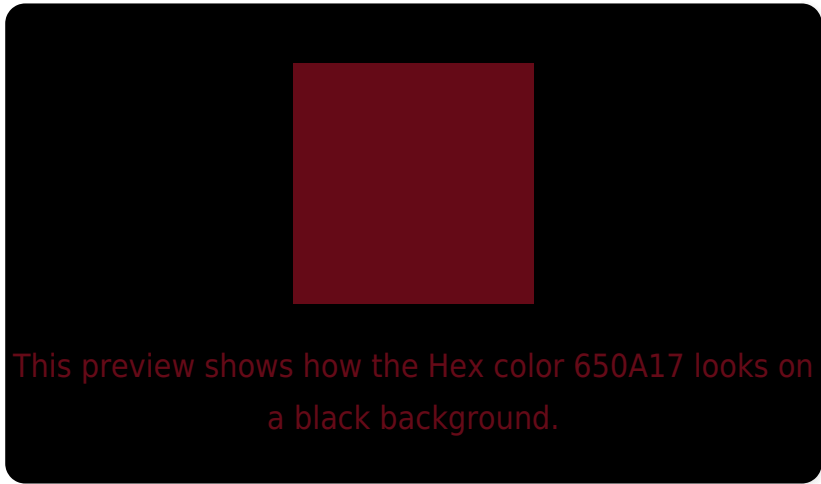
Large Text (above 18pt) WCAG AA ✓ Pass

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

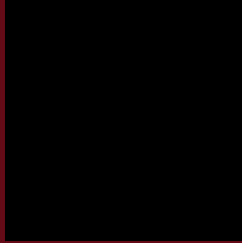
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 650A17 Background



This preview shows how black text looks on a background with the Hex color 650A17.



This preview shows how white text looks on a background with the Hex color 650A17.

# 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**  
650A17

**Protanopia**  
383422

**Deuteranopia**  
413111



**Tritanopia**  
650D0B

# Trichromacy



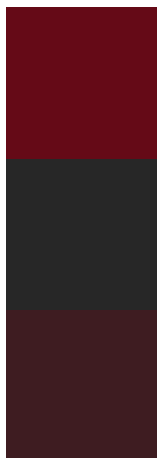
**Original Color**  
650A17

**Protanomaly**  
48251E

**Deuteranomaly**  
4E2313

**Tritanomaly**  
650C0F

# Monochromacy



**Original Color**  
650A17

**Achromatopsia**  
272727

**Achromatomaly**  
3E1C21

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 650A17 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 #650A17 looks like.

```
.text, #text, p{  
    color:#650A17  
}
```

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 #650A17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650A17  
}
```

## Border

The CSS property to change the border of an element to Hex 650A17 is called "border". The border property can be set on classes, ids or directly on the HTML element.

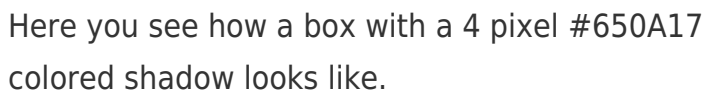
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#650A17 }
```

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

```
.border{ border-color:#650A17 }
```

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



Here you see how a box with a 4 pixel #650A17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650A17; -webkit-box-shadow:4px 4px  
4px 4px #650A17; box-shadow:4px 4px 4px  
4px #650A17 }
```

# Background

The CSS property to change the background color of an element to Hex 650A17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650A17 }
```

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

```
.background{ background-color:#650A17 }
```

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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