

# Converting Colors

Hex(630E0E)

Have a look what the booklet for  
Hex(630E0E) contains.

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# Color

**Hex(630E0E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	630E0E
RGB	99, 14, 14
RGB Percent	39%, 5%, 5%
CMY	0.6118, 0.9451, 0.9451
CMYK	0.00, 0.86, 0.86, 0.61
HSL	0°, 75%, 22%
HSV	0°, 86%, 39%
XYZ	5.3819, 2.9984, 0.7106
YIQ	39.4150, 50.6600, 18.0200

# Conversions

## Conversions Part 2

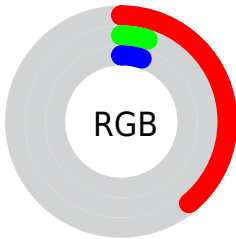
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 14, 14
Decimal	6491662
CIE Lab	20.04, 36.67, 24.38
CIE LCh	20, 44.034, 33.625
Yxy	2.9984, 0.5920, 0.3298
Android (android.graphics.Color)	4284681742 (0xFF630E0E)
YUV	39.4150, -12.5296, 52.2560
Hunter-Lab	17.3160, 25.1757, 9.6882

# Details

The Hex color **630E0E** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0E6363**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **9C4239**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **630404**, and if you desaturate by 10%, it is **631818**.

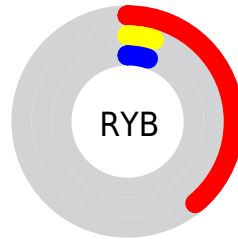
# Distribution



Red (39%)

Green (5%)

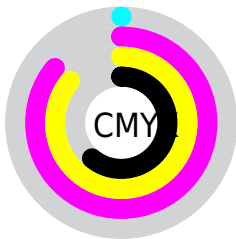
Blue (5%)



Red (39%)

Yellow (5%)

Blue (5%)

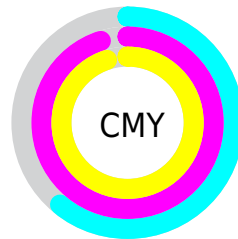


Cyan (0%)

Magenta (86%)

Yellow (86%)

Black (61%)



Cyan (61%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630E0E 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 630E0E by changing the saturation by 10% instead.



 630E0E

 630E0E

 FFFFEE

 480000

 9C4239

 300002

 B95B50

 000000

 D77568

 F59081

 FFAB9B

 FFC7B6

 FFE3D2

 630E0E

 630E0E

■ 630404

■ 631818

■ 630000

■ 632222

■ 632C2C

■ 633636

■ 634040

■ 634949

■ 635353

■ 635D5D

■ 636767

# Harmonies

## Analogous

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



67002E



630E0E



532300

# Triad

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



630E0E



003C11



003472

# Complementary

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



630E0E



0E6363

# 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.



003B6B



630E0E



003E34

# Square

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



630E0E



183800



003E54



322567

# Rectangle

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



630E0E



422D00



003E54



003771



# Sweetspot

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



630E0E



805E5E



630E63



402C2C



BFBFBF



404040



# Same Dimension

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



630E0E



800000



63390E



302C2C



700000



F00000



# Inverse Universe

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



0E6363



008080



0E3963



2C3030



007070

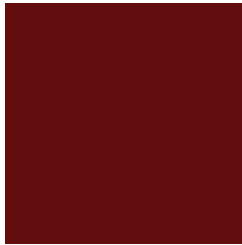


00F0F0



# Previews

## White Background



This preview shows how the Hex color 630E0E 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 630E0E Background



This preview shows how black text looks on a background with the Hex color 630E0E.

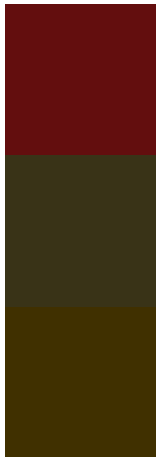


This preview shows how white text looks on a background with the Hex color 630E0E.

# 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**  
630E0E

**Protanopia**  
393317

**Deuteranopia**  
403000



**Tritanopia**  
630E0D

# Trichromacy



**Original Color**

630E0E

**Protanomaly**

482614

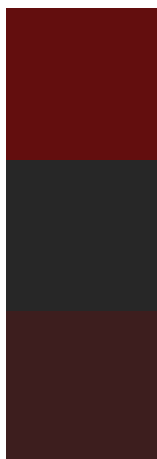
**Deuteranomaly**

4D2405

**Tritanomaly**

630E0D

# Monochromacy



**Original Color**

630E0E

**Achromatopsia**

272727

**Achromatomaly**

3D1E1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630E0E 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 #630E0E looks like.

```
.text, #text, p{  
    color:#630E0E  
}
```

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 #630E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630E0E
}
```

## Border

The CSS property to change the border of an element to Hex 630E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

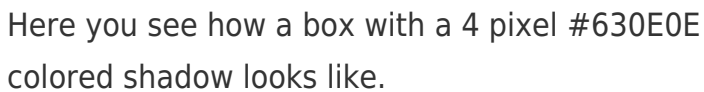
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#630E0E }
```

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

```
.border{ border-color:#630E0E }
```

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



Here you see how a box with a 4 pixel #630E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630E0E; -webkit-box-shadow:4px 4px  
4px 4px #630E0E; box-shadow:4px 4px 4px  
4px #630E0E }
```

# Background

The CSS property to change the background color of an element to Hex 630E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630E0E }
```

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

```
.background{ background-color:#630E0E }
```

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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