

Converting Colors

Hex(650C0C)

Have a look what the booklet for
Hex(650C0C) contains.

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Color

Hex(650C0C)

Conversions

Conversions Part 1

Format	Color
Hex	650C0C
RGB	101, 12, 12
RGB Percent	40%, 5%, 5%
CMY	0.6039, 0.9529, 0.9529
CMYK	0.00, 0.88, 0.88, 0.60
HSL	0°, 79%, 22%
HSV	0°, 88%, 40%
XYZ	5.5647, 3.0562, 0.6444
YIQ	38.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

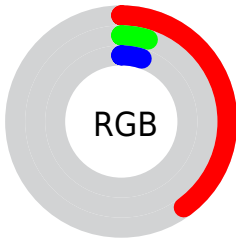
Format	Color
RYB	101, 12, 12
Decimal	6622220
CIELab	20.27, 37.82, 25.73
CIELCh	20, 45.744, 34.222
Yxy	3.0562, 0.6006, 0.3299
Android (android.graphics.Color)	4284812300 (0xFF650C0C)
YUV	38.6110, -13.1192, 54.7152
Hunter-Lab	17.4820, 26.2247, 10.0518

Details

The Hex color **650C0C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0C6565**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9E4237**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **650202**, and if you desaturate by 10%, it is **651616**.

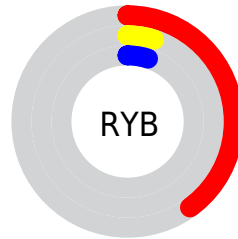
Distribution



Red (40%)

Green (5%)

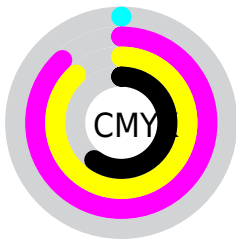
Blue (5%)



Red (40%)

Yellow (5%)

Blue (5%)

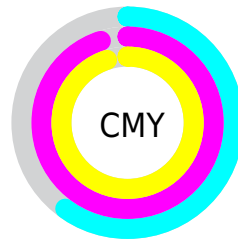


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (60%)



Cyan (60%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650C0C 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 650C0C by changing the saturation by 10% instead.

 650C0C

 650C0C

 FFFFEC

 490000

 9E4237

 310002

 BC5B4E

 000000

 D97566

 F88F7F

 FFAA99

 FFC6B4

 FFE3D0

 650C0C

 650C0C

■ 650202

■ 651616

■ 650000

■ 652020

■ 652A2A

■ 653434

■ 653F3F

■ 654949

■ 655353

■ 655D5D

■ 656767

Harmonies

Analogous

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



69002E



650C0C



542300

Triad

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



650C0C



003D11



003475

Complementary

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



650C0C



0C6565

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.



003C6E



650C0C



003F35

Square

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



650C0C



163900



003F56



332569

Rectangle

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



650C0C



432D00



003F56



003775

Sweetspot

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



650C0C



826060



650C65



422E2E



C2C2C2



424242

Same Dimension

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



650C0C



820000



65390C



332E2E



730000



F20000

Inverse Universe

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



0C6565



008282



0C3965



2E3333



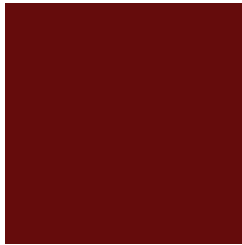
007373



00F2F2

Previews

White Background



This preview shows how the Hex color 650C0C looks on a white background.

Color Contrast Check

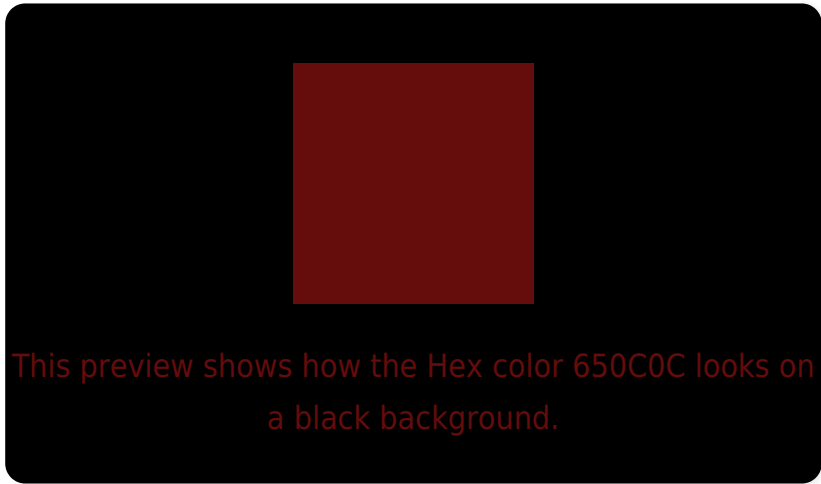
Large Text (above 18pt) WCAG AA ✓ Pass

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

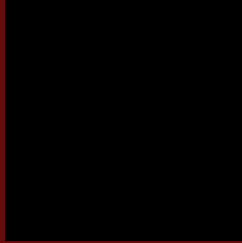
Any Text WCAG AA × Fail

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 650C0C Background



This preview shows how black text looks on a background with the Hex color 650C0C.

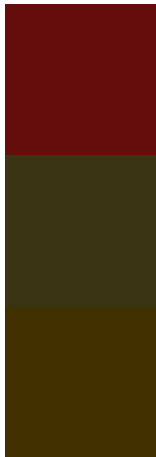


This preview shows how white text looks on a background with the Hex color 650C0C.

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
650C0C

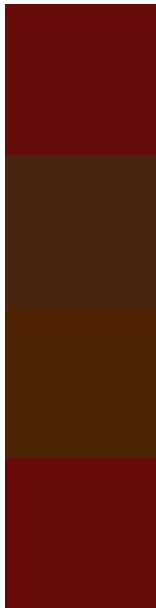
Protanopia
3A3415

Deuteranopia
413100



Tritanopia
650C0A

Trichromacy



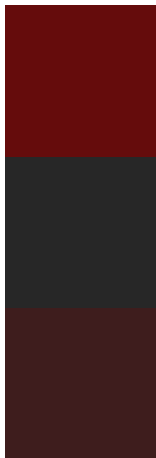
Original Color
650C0C

Protanomaly
4A2512

Deuteranomaly
4E2404

Tritanomaly
650C0B

Monochromacy



Original Color
650C0C

Achromatopsia
272727

Achromatomaly
3E1D1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 650C0C 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 #650C0C looks like.

```
.text, #text, p{  
    color:#650C0C  
}
```

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 #650C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650C0C
}
```

Border

The CSS property to change the border of an element to Hex 650C0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

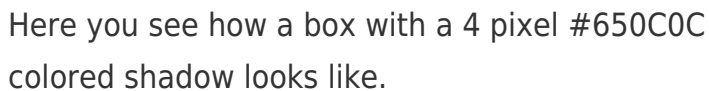
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650C0C }
```

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

```
.border{ border-color:#650C0C }
```

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



Here you see how a box with a 4 pixel #650C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650C0C; -webkit-box-shadow:4px 4px  
4px 4px #650C0C; box-shadow:4px 4px 4px  
4px #650C0C }
```

Background

The CSS property to change the background color of an element to Hex 650C0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650C0C }
```

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

```
.background{ background-color:#650C0C }
```

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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