

Converting Colors

Hex(650B12)

Have a look what the booklet for
Hex(650B12) contains.

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Color

Hex(650B12)

Conversions

Conversions Part 1

Format	Color
Hex	650B12
RGB	101, 11, 18
RGB Percent	40%, 4%, 7%
CMY	0.6039, 0.9569, 0.9294
CMYK	0.00, 0.89, 0.82, 0.60
HSL	355°, 80%, 22%
HSV	355°, 89%, 40%
XYZ	5.5957, 3.0497, 0.8660
YIQ	38.7080, 51.3930, 21.2570

Conversions

Conversions Part 2

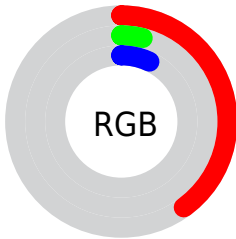
Format	Color
R_{YB}	101, 11, 18
Decimal	6621970
CIE Lab	20.24, 38.29, 22.51
CIE LCh	20, 44.422, 30.451
Yxy	3.0497, 0.5883, 0.3206
Android (android.graphics.Color)	4284812050 (0xFF650B12)
YUV	38.7080, -10.2090, 54.6301
Hunter-Lab	17.4634, 26.6344, 9.2843

Details

The Hex color **650B12** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0B655E**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9E413C**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **650109**, and if you desaturate by 10%, it is **65151B**.

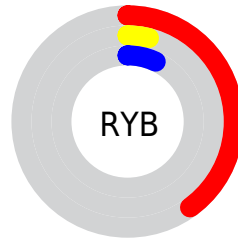
Distribution



Red (40%)

Green (4%)

Blue (7%)



Red (40%)

Yellow (4%)

Blue (7%)

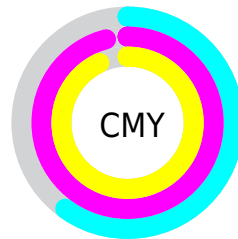


Cyan (0%)

Magenta (89%)

Yellow (82%)

Black (60%)



Cyan (60%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650B12 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 650B12 by changing the saturation by 10% instead.

 650B12

 650B12

 FFFFF2

 4A0000

 9E413C

 310002

 BB5B53

 000000

 D9746C

 F78F85

 FFAA9F

 FFC6BA

 FFE2D6

 650B12

 650B12

■ 650109

■ 65151B

■ 650008

■ 651F25

■ 65292E

■ 653337

■ 653E41

■ 65484A

■ 655253

■ 655C5D

■ 656666

Harmonies

Analogous

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



670032



650B12



562100

Triad

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



650B12



003C0D



003573

Complementary

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



650B12



0B655E

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.



003C6A



650B12



003E30

Square

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



650B12



1D3800



003E51



2B286A

Rectangle

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



650B12



462C00



003E51



003872

Sweetspot

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



650B12



825F62



5D0B65



422D2F



C2C2C2



424242

Same Dimension

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



650B12



82000A



65310B



332E2E



730009



F20013

Inverse Universe

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



650B12



82000A



0B4065



332E2E



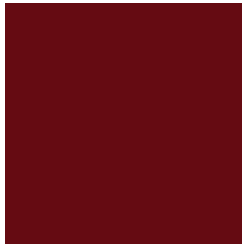
730009



F20013

Previews

White Background



This preview shows how the Hex color 650B12 looks on a white background.

Color Contrast Check

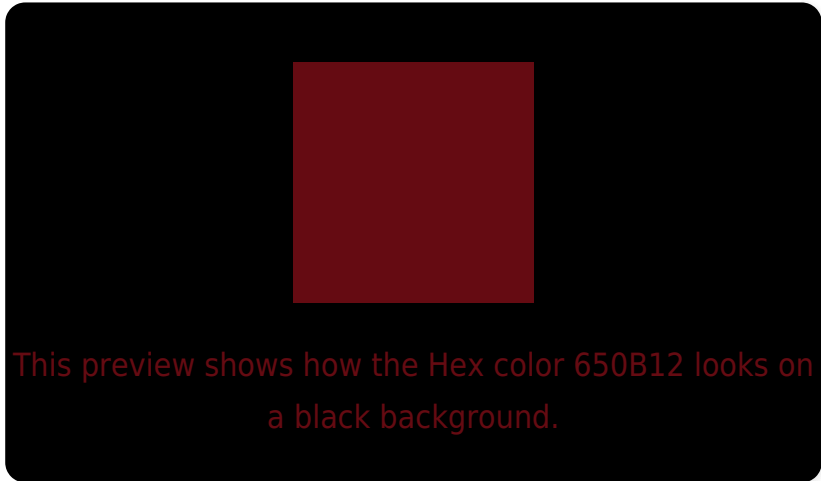
Large Text (above 18pt) WCAG AA ✓ Pass

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 650B12 Background



This preview shows how black text looks on a background with the Hex color 650B12.

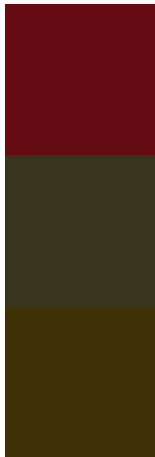


This preview shows how white text looks on a background with the Hex color 650B12.

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
650B12

Protanopia
39341C

Deuteranopia
413109



Tritanopia
650C0A

Trichromacy



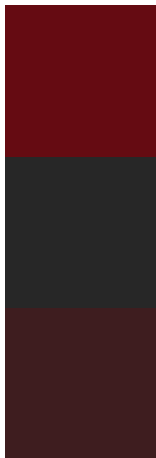
Original Color
650B12

Protanomaly
492518

Deuteranomaly
4E230C

Tritanomaly
650C0D

Monochromacy



Original Color
650B12

Achromatopsia
272727

Achromatomaly
3E1D1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 650B12 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 #650B12 looks like.

```
.text, #text, p{  
    color:#650B12  
}
```

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 #650B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650B12
}
```

Border

The CSS property to change the border of an element to Hex 650B12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

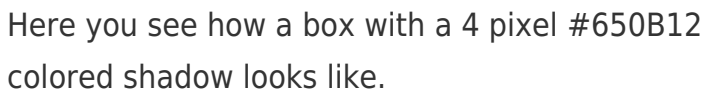
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650B12 }
```

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

```
.border{ border-color:#650B12 }
```

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



Here you see how a box with a 4 pixel #650B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650B12; -webkit-box-shadow:4px 4px  
4px 4px #650B12; box-shadow:4px 4px 4px  
4px #650B12 }
```

Background

The CSS property to change the background color of an element to Hex 650B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650B12 }
```

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

```
.background{ background-color:#650B12 }
```

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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