

# Converting Colors

Hex(650E04)

Have a look what the booklet for  
Hex(650E04) contains.

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**Color**

**Hex(650E04)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	650E04
RGB	101, 14, 4
RGB Percent	40%, 5%, 2%
CMY	0.6039, 0.9451, 0.9843
CMYK	0.00, 0.86, 0.96, 0.60
HSL	6°, 92%, 21%
HSV	6°, 96%, 40%
XYZ	5.5458, 3.0895, 0.4189
YIQ	38.8730, 55.0620, 15.3340

# Conversions

## Conversions Part 2

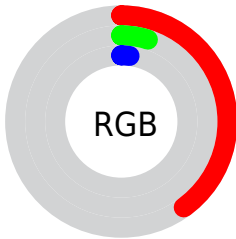
<b>Format</b>	<b>Color</b>
<b>RYB</b>	101, 15, 4
Decimal	6622724
CIELab	20.40, 37.04, 29.18
CIELCh	20, 47.151, 38.232
Yxy	3.0895, 0.6125, 0.3412
Android (android.graphics.Color)	4284812804 (0xFF650E04)
YUV	38.8730, -17.1924, 54.4854
Hunter-Lab	17.5771, 25.5589, 10.8909

# Details

The Hex color **650E04** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **045B65**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **9E4331**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **650A00**, and if you desaturate by 10%, it is **65170E**.

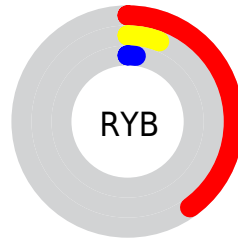
# Distribution



Red (40%)

Green (5%)

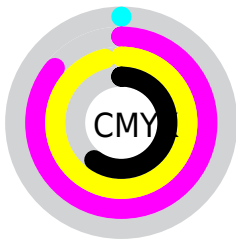
Blue (2%)



Red (40%)

Yellow (6%)

Blue (2%)

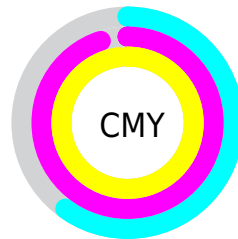


Cyan (0%)

Magenta (86%)

Yellow (96%)

Black (60%)



Cyan (60%)

Magenta (95%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 650E04 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 650E04 by changing the saturation by 10% instead.



 650E04

 650E04

 FFFFE5

 490000

 9E4331

 300001

 BC5C48

 000000

 DA7660

 F89079

 FFAB93

 FFC7AE

 FFE3C9

 650E04

 650E04

■ 650A00

■ 65170E

■ 652018

■ 652922

■ 65322C

■ 653B37

■ 654441

■ 654D4B

■ 655655

■ 65605F

# Harmonies

## Analogous

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



6B0029



650E04



512500

# Triad

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



650E04



003E15



003377

# Complementary

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



650E04



045B65

# 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.



003C72



650E04



003F3A

# Square

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



650E04



0C3A00



003F5C



3B2268

# Rectangle

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



650E04



3F2F00



003F5C



003778



# Sweetspot

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



650E04



82605C



65045B



422D2B



C2C2C2



424242



# Same Dimension

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



650E04



820D00



653E04



332E2E



730C00



F21900



# Inverse Universe

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



045B65



007582



042B65



2E3233



006773

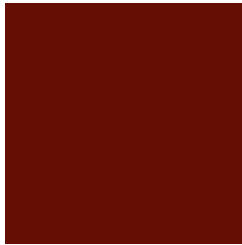


00D9F2



# Previews

## White Background



This preview shows how the Hex color 650E04 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 650E04 Background



This preview shows how black text looks on a background with the Hex color 650E04.



This preview shows how white text looks on a background with the Hex color 650E04.

# 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**  
650E04

**Protanopia**  
3A340E

**Deuteranopia**  
413100



# Trichromacy



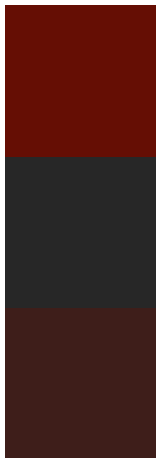
**Original Color**  
650E04

**Protanomaly**  
4A260A

**Deuteranomaly**  
4E2401

**Tritanomaly**  
650D09

# Monochromacy



**Original Color**  
650E04

**Achromatopsia**  
272727

**Achromatomaly**  
3E1E1A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 650E04 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 #650E04 looks like.

```
.text, #text, p{  
    color:#650E04  
}
```

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 #650E04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650E04
}
```

## Border

The CSS property to change the border of an element to Hex 650E04 is called "border". The border property can be set on classes, ids or directly on the HTML element.

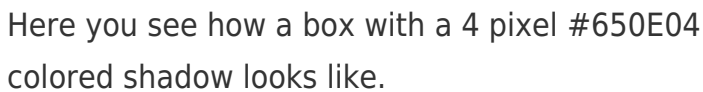
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650E04 }
```

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

```
.border{ border-color:#650E04 }
```

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



Here you see how a box with a 4 pixel #650E04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650E04; -webkit-box-shadow:4px 4px  
4px 4px #650E04; box-shadow:4px 4px 4px  
4px #650E04 }
```

# Background

The CSS property to change the background color of an element to Hex 650E04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650E04 }
```

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

```
.background{ background-color:#650E04 }
```

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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