

# Converting Colors

Hex(67241E)

Have a look what the booklet for  
Hex(67241E) contains.

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# Color

**Hex(67241E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67241E
RGB	103, 36, 30
RGB Percent	40%, 14%, 12%
CMY	0.5961, 0.8588, 0.8824
CMYK	0.00, 0.65, 0.71, 0.60
HSL	5°, 55%, 26%
HSV	5°, 71%, 40%
XYZ	6.4587, 4.2391, 1.7061
YIQ	55.3490, 41.8580, 12.3380

# Conversions

## Conversions Part 2

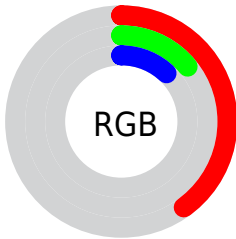
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 37, 30
Decimal	6759454
CIELab	24.45, 29.70, 19.69
CIELCh	24, 35.631, 33.543
Yxy	4.2391, 0.5207, 0.3418
Android (android.graphics.Color)	4284949534 (0xFF67241E)
YUV	55.3490, -12.4971, 41.7899
Hunter-Lab	20.5890, 19.9646, 9.4992

# Details

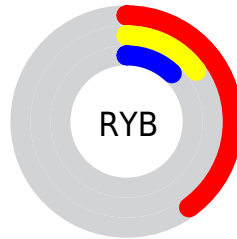
The Hex color **67241E** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1E6167**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **9E544A**, and **330000** is the 20% darker color. If you saturate the color by 10%, you get **671B14**, and if you desaturate by 10%, it is **672D28**.

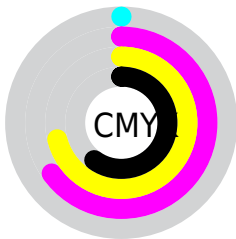
# Distribution



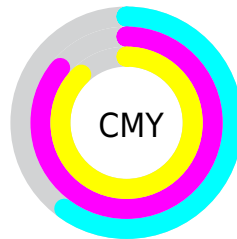
- Red (40%)
- Green (14%)
- Blue (12%)



- Red (40%)
- Yellow (15%)
- Blue (12%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (60%)



- Cyan (60%)
- Magenta (86%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67241E 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 67241E by changing the saturation by 10% instead.



 67241E

 67241E

FFFFFF

 4C0B06

 9E544A

 330000

 BB6D62

 0E0000

 D8877B

 000000

 F6A295

 FFBD AF

 FFD9CB

 FFF6E7

 67241E

 67241E

■ 671B14

■ 672D28

■ 671109

■ 673733

■ 670800

■ 67403D

■ 674A47

■ 675352

■ 675D5C

■ 676666

■ 677070

■ 67797B

# Harmonies

## Analogous

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



691E38



67241E



593006

# Triad

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



67241E



004521



003C70

# Complementary

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



67241E



1E6167

# 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.



00436A



67241E



00463D

# Square

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



67241E



284107



004657



3E3167

# Rectangle

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



67241E



4C3700



004657



003F70



# Sweetspot

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



67241E



876D6B



671E62



453534



C4C4C4



454545



# Same Dimension

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



67241E



871E14



67471E



332E2E



730900



F21400



# Inverse Universe

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



1E6167



147E87



1E3E67



2E3333



006973

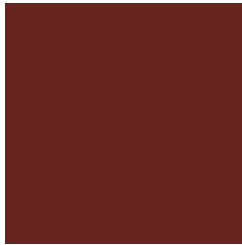


00DEF2



# Previews

## White Background



This preview shows how the Hex color 67241E looks on a white background.

## Color Contrast Check

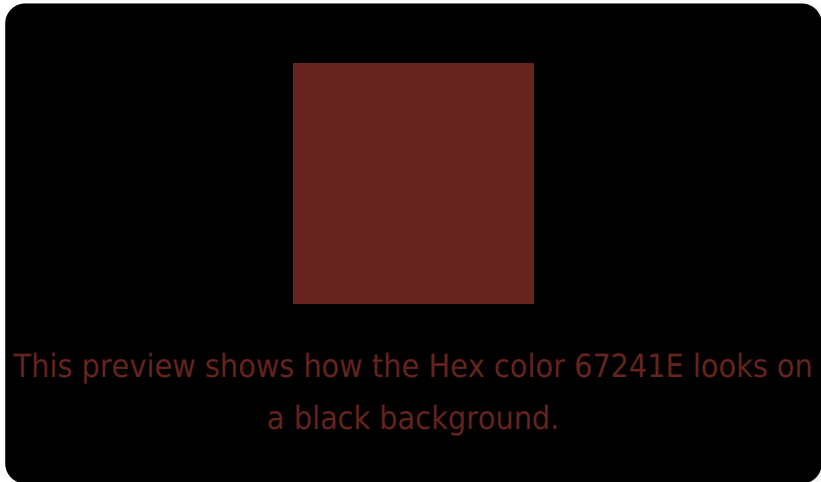
Large Text (above 18pt) WCAG AA ✓ Pass

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 67241E Background



This preview shows how black text looks on a background with the Hex color 67241E.

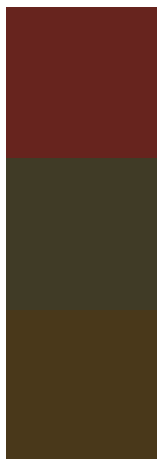


This preview shows how white text looks on a background with the Hex color 67241E.

# 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**  
67241E

**Protanopia**  
403B26

**Deuteranopia**  
49381A



# Trichromacy



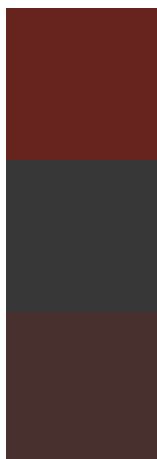
**Original Color**  
67241E

**Protanomaly**  
4E3323

**Deuteranomaly**  
54311B

**Tritanomaly**  
672322

# Monochromacy



**Original Color**  
67241E

**Achromatopsia**  
373737

**Achromatomaly**  
48302E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67241E 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 #67241E looks like.

```
.text, #text, p{  
    color:#67241E  
}
```

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 #67241E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67241E
}
```

## Border

The CSS property to change the border of an element to Hex 67241E is called "border". The border property can be set on classes, ids or directly on the HTML element.

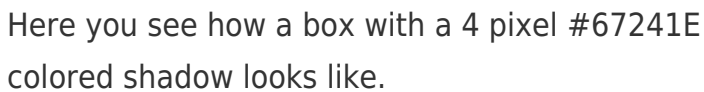
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67241E }
```

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

```
.border{ border-color:#67241E }
```

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



Here you see how a box with a 4 pixel #67241E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67241E; -webkit-box-shadow:4px 4px  
4px 4px #67241E; box-shadow:4px 4px 4px  
4px #67241E }
```

# Background

The CSS property to change the background color of an element to Hex 67241E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67241E }
```

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

```
.background{ background-color:#67241E }
```

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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