

# Converting Colors

Hex(672114)

Have a look what the booklet for  
Hex(672114) contains.

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**Color**

**Hex(672114)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	672114
RGB	103, 33, 20
RGB Percent	40%, 13%, 8%
CMY	0.5961, 0.8706, 0.9216
CMYK	0.00, 0.68, 0.81, 0.60
HSL	9°, 67%, 24%
HSV	9°, 81%, 40%
XYZ	6.2636, 4.0218, 1.1080
YIQ	52.4480, 45.8930, 10.7970

# Conversions

## Conversions Part 2

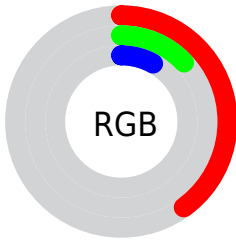
Format	Color
<b>R<sub>YB</sub></b>	103, 35, 20
Decimal	6758676
CIE Lab	23.74, 30.65, 25.18
CIE LCh	24, 39.671, 39.405
Yxy	4.0218, 0.5498, 0.3530
Android (android.graphics.Color)	4284948756 (0xFF672114)
YUV	52.4480, -15.9969, 44.3341
Hunter-Lab	20.0544, 20.6562, 10.7624

# Details

The Hex color **672114** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **145A67**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9F513F**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **67180A**, and if you desaturate by 10%, it is **672A1E**.

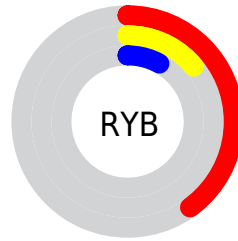
# Distribution



Red (40%)

Green (13%)

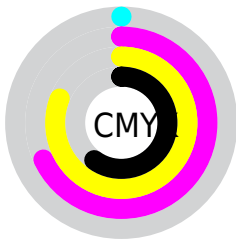
Blue (8%)



Red (40%)

Yellow (14%)

Blue (8%)

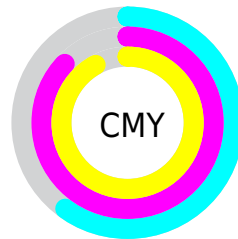


Cyan (0%)

Magenta (68%)

Yellow (81%)

Black (60%)



Cyan (60%)

Magenta (87%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 672114 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 672114 by changing the saturation by 10% instead.



 672114

 672114

 FFFFF7

 4C0700

 9F513F

 320000

 BC6A57

 0A0000

 D9846F

 000000

 F79F89

 FFBA A3

 FFD6BE

 FFF3DA

 672114

 672114

■ 67180A

■ 672A1E

■ 671000

■ 673229

■ 673B33

■ 67443D

■ 674C47

■ 675552

■ 675E5C

■ 676666

■ 676F71

# Harmonies

## Analogous

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



6D1630



672114



562F00

# Triad

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



672114



004422



003974

# Complementary

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



672114



145A67

# 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.



004170



672114



004641

# Square

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



672114



1C4102



00455E



452C67

# Rectangle

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



672114



473700



00455E



003C74



# Sweetspot

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



672114



876C67



67145B



453431



C4C4C4



454545



# Same Dimension

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



672114



871904



674A14



332F2E



731200



F22600



# Inverse Universe

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



145A67



047387



143167



2E3233



006173

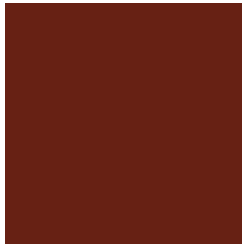


00CCF2



# Previews

## White Background



This preview shows how the Hex color 672114 looks on a white background.

## Color Contrast Check

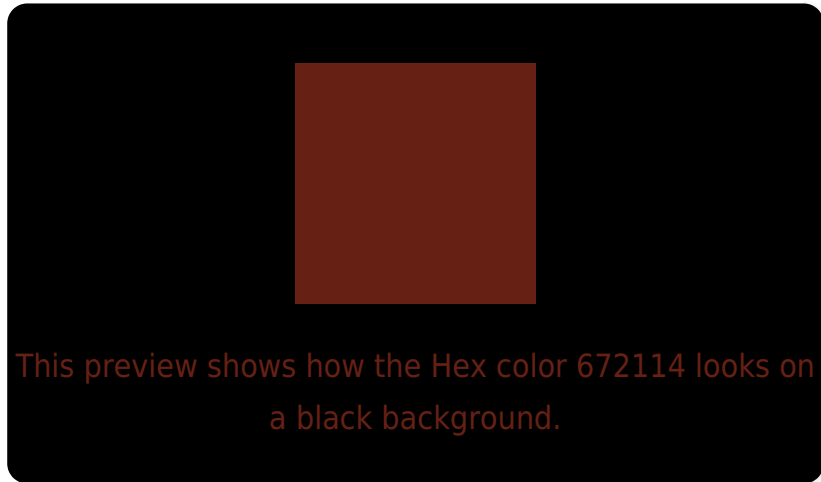
Large Text (above 18pt) WCAG AA ✓ Pass

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

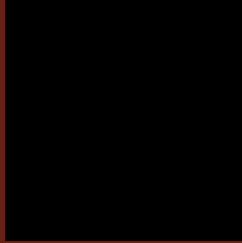
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 672114 Background



This preview shows how black text looks on a background with the Hex color 672114.

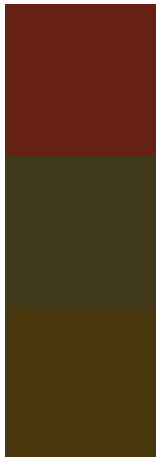


This preview shows how white text looks on a background with the Hex color 672114.

# 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**  
672114

**Protanopia**  
403A1B

**Deuteranopia**  
49370E



**Tritanopia**  
671F21

# Trichromacy



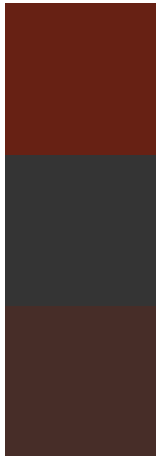
**Original Color**  
672114

**Protanomaly**  
4E3118

**Deuteranomaly**  
542F10

**Tritanomaly**  
67201C

# Monochromacy



**Original Color**  
672114

**Achromatopsia**  
343434

**Achromatomaly**  
472D28

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 672114 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 #672114 looks like.

```
.text, #text, p{  
    color:#672114  
}
```

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 #672114 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #672114
}
```

## Border

The CSS property to change the border of an element to Hex 672114 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
#672114 }
```

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

```
.border{ border-color:#672114 }
```

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

Here you see how a box with a 4 pixel #672114 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #672114; -webkit-box-shadow:4px 4px  
4px 4px #672114; box-shadow:4px 4px 4px  
4px #672114 }
```

# Background

The CSS property to change the background color of an element to Hex 672114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#672114 }
```

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

```
.background{ background-color:#672114 }
```

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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