

# Converting Colors

Hex(702414)

Have a look what the booklet for  
Hex(702414) contains.

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**Color**

**Hex(702414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702414
RGB	112, 36, 20
RGB Percent	44%, 14%, 8%
CMY	0.5608, 0.8588, 0.9216
CMYK	0.00, 0.68, 0.82, 0.56
HSL	10°, 70%, 26%
HSV	10°, 82%, 44%
XYZ	7.4392, 4.7570, 1.1879
YIQ	56.9000, 50.4320, 11.1360

# Conversions

## Conversions Part 2

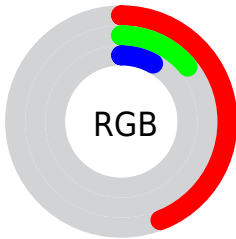
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 39, 20
Decimal	7349268
CIE Lab	26.03, 32.71, 28.11
CIE LCh	26, 43.129, 40.674
Yxy	4.7570, 0.5558, 0.3554
Android (android.graphics.Color)	4285539348 (0xFF702414)
YUV	56.9000, -18.1917, 48.3227
Hunter-Lab	21.8106, 22.7150, 12.0381

# Details

The Hex color **702414** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **146070**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A95540**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **701B09**, and if you desaturate by 10%, it is **702D1F**.

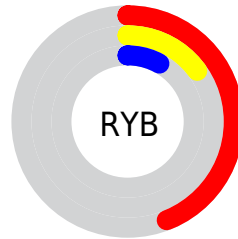
# Distribution



Red (44%)

Green (14%)

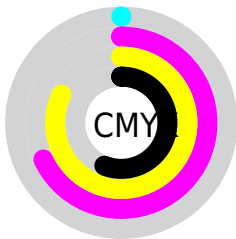
Blue (8%)



Red (44%)

Yellow (15%)

Blue (8%)

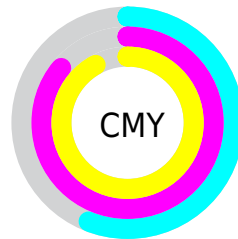


Cyan (0%)

Magenta (68%)

Yellow (82%)

Black (56%)



Cyan (56%)

Magenta (86%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702414 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 702414 by changing the saturation by 10% instead.



 702414

 702414

 FFFFF7

 550900

 A95540

 390000

 C66E57

 1D0001

 E48870

 000000

 FFA389

 FFBEA4

 FFDBBF

 FFF7DB

 702414

 702414

■ 701B09

■ 702D1F

■ 701300

■ 70372A

■ 704036

■ 704941

■ 70524C

■ 705C57

■ 706562

■ 706E6E

■ 707779

# Harmonies

## Analogous

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



771733



702414



5D3400

# Triad

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



702414



004B26



003E7F

# Complementary

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



702414



146070

# 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.



00477C



702414



004C49

# Square

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



702414



1B4703



004B68



4D2F70

# Rectangle

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



702414



4C3C00



004B68



004280



# Sweetspot

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



702414



91736D



701461



4A3834



C9C9C9



4A4A4A



# Same Dimension

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



702414



911A01



705114



383332



781500



F72B00



# Inverse Universe

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



146070



017891



143370



323738



006378



00CCF7



# Previews

## White Background



This preview shows how the Hex color 702414 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 702414 Background



This preview shows how black text looks on a background with the Hex color 702414.



This preview shows how white text looks on a background with the Hex color 702414.

# 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**  
702414

**Protanopia**  
463F1B

**Deuteranopia**  
4F3C0C



# Trichromacy



**Original Color**  
702414

**Protanomaly**  
553518

**Deuteranomaly**  
5B330F

**Tritanomaly**  
70231E

# Monochromacy



**Original Color**  
702414

**Achromatopsia**  
393939

**Achromatomaly**  
4D312C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702414 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 #702414 looks like.

```
.text, #text, p{  
    color:#702414  
}
```

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 #702414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702414
}
```

## Border

The CSS property to change the border of an element to Hex 702414 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
#702414 }
```

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

```
.border{ border-color:#702414 }
```

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

Here you see how a box with a 4 pixel #702414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702414; -webkit-box-shadow:4px 4px  
4px 4px #702414; box-shadow:4px 4px 4px  
4px #702414 }
```

# Background

The CSS property to change the background color of an element to Hex 702414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702414 }
```

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

```
.background{ background-color:#702414 }
```

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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