

# Converting Colors

Hex(741C09)

Have a look what the booklet for  
Hex(741C09) contains.

<b>Hex(741C09)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(741C09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	741C09
RGB	116, 28, 9
RGB Percent	45%, 11%, 4%
CMY	0.5451, 0.8902, 0.9647
CMYK	0.00, 0.76, 0.92, 0.55
HSL	11°, 86%, 25%
HSV	11°, 92%, 45%
XYZ	7.6670, 4.5632, 0.7351
YIQ	52.1460, 58.5470, 12.7470

# Conversions

## Conversions Part 2

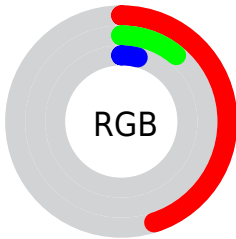
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 32, 9
Decimal	7609353
CIE Lab	25.45, 37.37, 33.37
CIE LCh	25, 50.096, 41.766
Yxy	4.5632, 0.5913, 0.3520
Android (android.graphics.Color)	4285799433 (0xFF741C09)
YUV	52.1460, -21.2710, 56.0000
Hunter-Lab	21.3617, 26.6831, 12.9128

# Details

The Hex color **741C09** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **096174**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **AE4F36**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **741500**, and if you desaturate by 10%, it is **742615**.

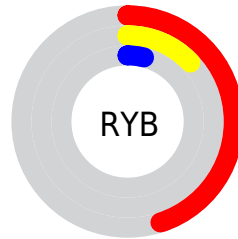
# Distribution



Red (45%)

Green (11%)

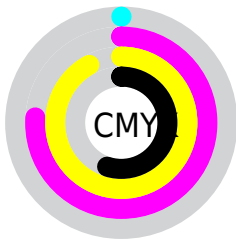
Blue (4%)



Red (45%)

Yellow (13%)

Blue (4%)

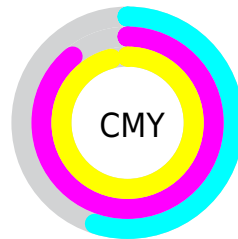


Cyan (0%)

Magenta (76%)

Yellow (92%)

Black (55%)



Cyan (55%)

Magenta (89%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 741C09 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 741C09 by changing the saturation by 10% instead.



 741C09

 741C09

 FFFFEC

 580000

 AE4F36

 3C0000

 CC684D

 1F0001

 EB8265

 000000

 FF9D7E

 FFB999

 FFD5B4

 FFF2CF

 741C09

 741C09

■ 741500

■ 742615

■ 742F20

■ 74392C

■ 744237

■ 744C43

■ 74554F

■ 745F5A

■ 746866

■ 747271

# Harmonies

## Analogous

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



7D002F



741C09



5E3200

# Triad

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



741C09



004B23



003C88

# Complementary

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



741C09



096174

# 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.



004785



741C09



004C4B

# Square

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



741C09



0A4700



004C6F



4F2976

# Rectangle

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



741C09



493C00



004C6F



004189



# Sweetspot

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



741C09



96746C



740962



4D3732



CCCCCC



4D4D4D



# Same Dimension

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



741C09



961B00



745009



3B3635



7A1600



FA2C00



# Inverse Universe

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



096174



007C96



092D74



353A3B



00657A

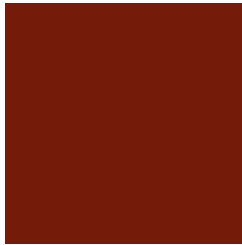


00CEFA



# Previews

## White Background



This preview shows how the Hex color 741C09 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 741C09 Background



This preview shows how black text looks on a background with the Hex color 741C09.



This preview shows how white text looks on a background with the Hex color 741C09.

# 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**  
741C09

**Protanopia**  
463E11

**Deuteranopia**  
4E3B00



**Tritanopia**  
741A1B

# Trichromacy



**Original Color**  
741C09

**Protanomaly**  
57320E

**Deuteranomaly**  
5C3003

**Tritanomaly**  
741B14

# Monochromacy



**Original Color**  
741C09

**Achromatopsia**  
343434

**Achromatomaly**  
4B2B24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 741C09 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 #741C09 looks like.

```
.text, #text, p{  
    color:#741C09  
}
```

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 #741C09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #741C09
}
```

## Border

The CSS property to change the border of an element to Hex 741C09 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".

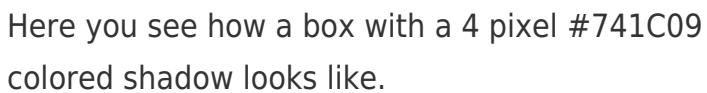
```
.border, #border, table{ border:4px solid
#741C09 }
```

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

```
.border{ border-color:#741C09 }
```

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

Here you see how a box with a 4 pixel #741C09 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #741C09 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #741C09; -webkit-box-shadow:4px 4px  
4px 4px #741C09; box-shadow:4px 4px 4px  
4px #741C09 }
```

# Background

The CSS property to change the background color of an element to Hex 741C09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#741C09 }
```

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

```
.background{ background-color:#741C09 }
```

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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