

Converting Colors

Hex(742C07)

Have a look what the booklet for
Hex(742C07) contains.

Hex(742C07)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(742C07)

Conversions

Conversions Part 1

Format	Color
Hex	742C07
RGB	116, 44, 7
RGB Percent	45%, 17%, 3%
CMY	0.5451, 0.8275, 0.9725
CMYK	0.00, 0.62, 0.94, 0.55
HSL	20°, 89%, 24%
HSV	20°, 94%, 45%
XYZ	8.1415, 5.5297, 0.8392
YIQ	61.3100, 54.7890, 3.7570

Conversions

Conversions Part 2

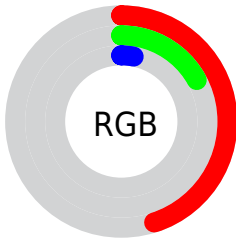
Format	Color
R_{YB}	116, 63, 7
Decimal	7613447
CIE Lab	28.19, 29.92, 36.61
CIE LCh	28, 47.276, 50.741
Yxy	5.5297, 0.5611, 0.3811
Android (android.graphics.Color)	4285803527 (0xFF742C07)
YUV	61.3100, -26.7748, 47.9631
Hunter-Lab	23.5153, 20.6485, 14.3447

Details

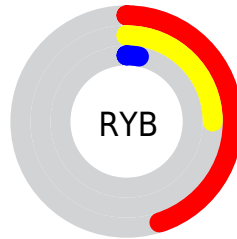
The Hex color **742C07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **074F74**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **AE5C35**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **742700**, and if you desaturate by 10%, it is **743413**.

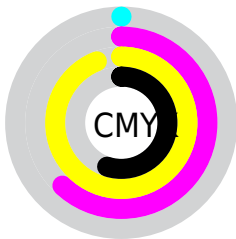
Distribution



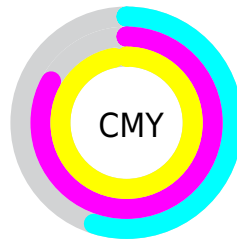
- Red (45%)
- Green (17%)
- Blue (3%)



- Red (45%)
- Yellow (25%)
- Blue (3%)



- Cyan (0%)
- Magenta (62%)
- Yellow (94%)
- Black (55%)



- Cyan (55%)
- Magenta (83%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742C07 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 742C07 by changing the saturation by 10% instead.

 742C07

 742C07

 FFFFEC

 581400

 AE5C35

 3C0000

 CB764D

 240001

 EA9066

 000000

 FFAB7F

 FFC699

 FFE2B4

 FFFFD0

 742C07

 742C07

■ 742700

■ 743413

■ 743B1E

■ 74432A

■ 744B35

■ 745241

■ 745A4D

■ 746258

■ 746964

■ 74716F

Harmonies

Analogous

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



81192B



742C07



5C3D00

Triad

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



742C07



005236



223E87

Complementary

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



742C07



074F74

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.



004A8B



742C07



00525B

Square

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



742C07



004F0E



00517B



622B71

Rectangle

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



742C07



464500



00517B



00438B

Sweetspot

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



742C07



967B6C



740750



4D3B32



CCCCCC



4D4D4D

Same Dimension

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



742C07



963300



746207



3B3735



7A2A00



FA5500

Inverse Universe

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



074F74



006396



071974



35393B



00517A



00A5FA

Previews

White Background



This preview shows how the Hex color 742C07 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

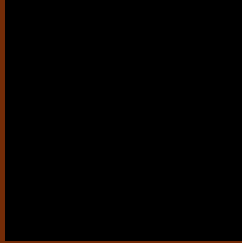
Any Text WCAG AA × Fail

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 742C07 Background



This preview shows how black text looks on a background with the Hex color 742C07.



This preview shows how white text looks on a background with the Hex color 742C07.

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
742C07

Protanopia
4C440E

Deuteranopia
554000



Tritanopia
75292B

Trichromacy



Original Color
742C07

Protanomaly
5B3B0B

Deuteranomaly
603903

Tritanomaly
752A1E

Monochromacy



Original Color
742C07

Achromatopsia
3D3D3D

Achromatomaly
513729

CSS Examples

Text

The CSS property to change the color of the text to Hex 742C07 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 #742C07 looks like.

```
.text, #text, p{  
  color:#742C07  
}
```

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 #742C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742C07
}
```

Border

The CSS property to change the border of an element to Hex 742C07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

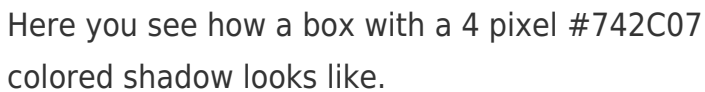
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742C07 }
```

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

```
.border{ border-color:#742C07 }
```

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



Here you see how a box with a 4 pixel `#742C07` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742C07; -webkit-box-shadow:4px 4px  
4px 4px #742C07; box-shadow:4px 4px 4px  
4px #742C07 }
```

Background

The CSS property to change the background color of an element to Hex 742C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742C07 }
```

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

```
.background{ background-color:#742C07 }
```

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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