

Converting Colors

Hex(742F02)

Have a look what the booklet for
Hex(742F02) contains.

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Color

Hex(742F02)

Conversions

Conversions Part 1

Format	Color
Hex	742F02
RGB	116, 47, 2
RGB Percent	45%, 18%, 1%
CMY	0.5451, 0.8157, 0.9922
CMYK	0.00, 0.59, 0.98, 0.55
HSL	24°, 97%, 23%
HSV	24°, 98%, 45%
XYZ	8.2299, 5.7504, 0.7336
YIQ	62.5010, 55.5690, 0.6330

Conversions

Conversions Part 2

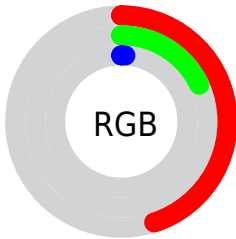
Format	Color
RYB	116, 76, 2
Decimal	7614210
CIELab	28.77, 28.21, 39.12
CIELCh	29, 48.229, 54.201
Yxy	5.7504, 0.5593, 0.3908
Android (android.graphics.Color)	4285804290 (0xFF742F02)
YUV	62.5010, -29.8270, 46.9186
Hunter-Lab	23.9800, 19.2960, 14.9722

Details

The Hex color **742F02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **024774**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **AE5F32**, and **3C0000** is the 20% darker color. If you saturate the color by 10%, you get **742E00**, and if you desaturate by 10%, it is **74360E**.

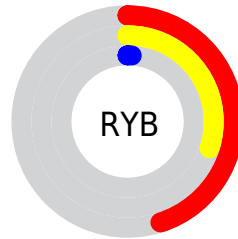
Distribution



Red (45%)

Green (18%)

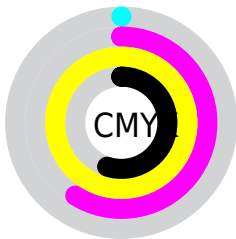
Blue (1%)



Red (45%)

Yellow (30%)

Blue (1%)

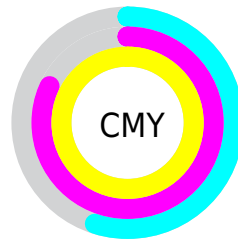


Cyan (0%)

Magenta (59%)

Yellow (98%)

Black (55%)



Cyan (55%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 742F02 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 742F02 by changing the saturation by 10% instead.

 742F02

 742F02

 FFFF E9

 581800

 AE5F32

 3C0000

 CB784A

 250001

 EA9362

 000000

 FFAD7C

 FFC996

 FFE5B1

 FFFF CD

 742F02

 742F02

■ 742E00

■ 74360E

■ 743D19

■ 744425

■ 744B30

■ 74523C

■ 745948

■ 746053

■ 74675F

■ 746E6A

Harmonies

Analogous

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



831B28



742F02



5A4000

Triad

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



742F02



00533B



2F3D89

Complementary

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



742F02



024774

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.



004B8F



742F02



005461

Square

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



742F02



005113



005280



692970

Rectangle

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



742F02



444800



005280



00438D

Sweetspot

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



742F02



967C6B



740248



4D3C32



CCCCCC



4D4D4D

Same Dimension

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



742F02



963B00



746702



3B3735



7A3000



FA6300

Inverse Universe

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



024774



005B96



020F74



35383B



004A7A



0097FA

Previews

White Background



This preview shows how the Hex color 742F02 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

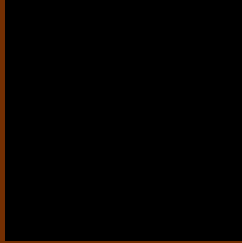
Any Text WCAG AA × Fail

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 742F02 Background



This preview shows how black text looks on a background with the Hex color 742F02.



This preview shows how white text looks on a background with the Hex color 742F02.

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
742F02

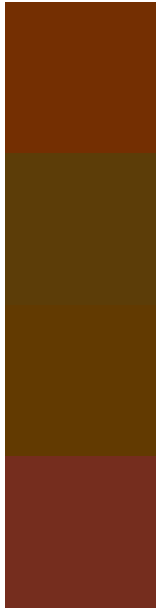
Protanopia
4E450B

Deuteranopia
574100



Tritanopia
752C2E

Trichromacy



Original Color
742F02

Protanomaly
5C3D08

Deuteranomaly
623A01

Tritanomaly
752D1E

Monochromacy



Original Color
742F02

Achromatopsia
3F3F3F

Achromatomaly
523929

CSS Examples

Text

The CSS property to change the color of the text to Hex 742F02 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 #742F02 looks like.

```
.text, #text, p{  
    color:#742F02  
}
```

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 #742F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #742F02
}
```

Border

The CSS property to change the border of an element to Hex 742F02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

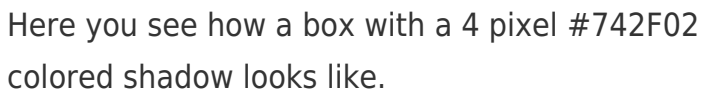
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#742F02 }
```

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

```
.border{ border-color:#742F02 }
```

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



Here you see how a box with a 4 pixel #742F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #742F02; -webkit-box-shadow:4px 4px  
4px 4px #742F02; box-shadow:4px 4px 4px  
4px #742F02 }
```

Background

The CSS property to change the background color of an element to Hex 742F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#742F02 }
```

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

```
.background{ background-color:#742F02 }
```

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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