

Converting Colors

Hex(764902)

Have a look what the booklet for
Hex(764902) contains.

Hex(764902)	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(764902)

Conversions

Conversions Part 1

Format	Color
Hex	764902
RGB	118, 73, 2
RGB Percent	46%, 29%, 1%
CMY	0.5373, 0.7137, 0.9922
CMYK	0.00, 0.38, 0.98, 0.54
HSL	37°, 97%, 24%
HSV	37°, 98%, 46%
XYZ	9.8647, 8.6210, 1.2015
YIQ	78.3610, 49.6110, -12.5410

Conversions

Conversions Part 2

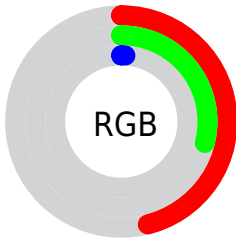
Format	Color
RYB	76, 118, 2
Decimal	7751938
CIELab	35.24, 14.09, 43.83
CIELCh	35, 46.036, 72.173
Yxy	8.6210, 0.5011, 0.4379
Android (android.graphics.Color)	4285942018 (0xFF764902)
YUV	78.3610, -37.6460, 34.7634
Hunter-Lab	29.3616, 8.5885, 18.1269

Details

The Hex color **764902** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **022F76**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **AF7A37**, and **401D00** is the 20% darker color. If you saturate the color by 10%, you get **764800**, and if you desaturate by 10%, it is **764E0E**.

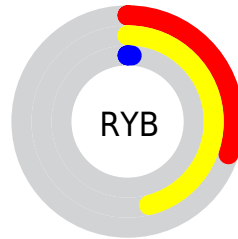
Distribution



Red (46%)

Green (29%)

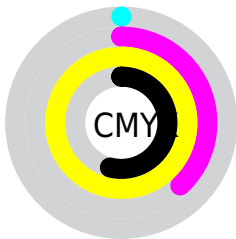
Blue (1%)



Red (30%)

Yellow (46%)

Blue (1%)

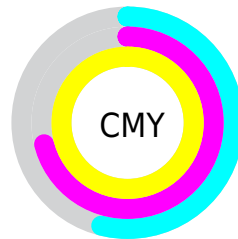


Cyan (0%)

Magenta (38%)

Yellow (98%)

Black (54%)



Cyan (54%)

Magenta (71%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764902 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 764902 by changing the saturation by 10% instead.

 764902

 764902

 FFFFFF1

 5B3200

 AF7A37

 401D00

 CC934F

 270700

 E9AE68

 000000

 FFC982

 FFE59D

 FFFF88

 FFFF44

 764902

 764902

■ 764800

■ 764E0E

■ 76521A

■ 765725

■ 765B31

■ 76603D

■ 766449

■ 766955

■ 766E60

■ 76726C

Harmonies

Analogous

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



8C3923



764902



565600

Triad

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



764902



006461



67428A

Complementary

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



764902



022F76

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.



17529B



764902



006284

Square

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



764902



00623B



005D99



89316A

Rectangle

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



764902



3C5C0A



005D99



554892

Sweetspot

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



764902



99886D



760230



4D4232



CCCCCC



4D4D4D

Same Dimension

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



764902



995E00



6A7602



3B3835



7A4B00



FA9900

Inverse Universe

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



022F76



003B99



0E0276



35373B



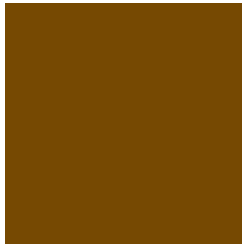
002F7A



0061FA

Previews

White Background



This preview shows how the Hex color 764902 looks on a white background.

Color Contrast Check

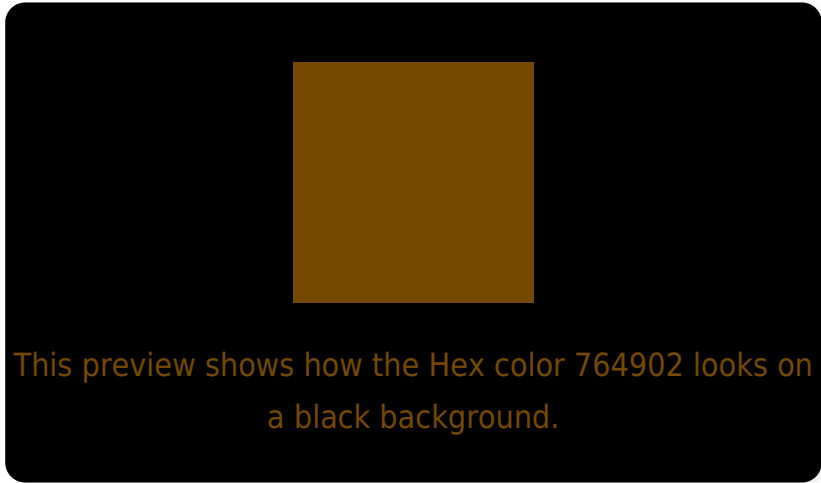
Large Text (above 18pt) WCAG AA ✓ Pass

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 764902 Background



This preview shows how black text looks on a background with the Hex color 764902.



This preview shows how white text looks on a background with the Hex color 764902.

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
764902

Protanopia
5E5409

Deuteranopia
6A4F00



Tritanopia
794449

Trichromacy



Original Color
764902

Protanomaly
675006

Deuteranomaly
6E4D01

Tritanomaly
78462F

Monochromacy



Original Color
764902

Achromatopsia
4E4E4E

Achromatomaly
5D4C32

CSS Examples

Text

The CSS property to change the color of the text to Hex 764902 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 #764902 looks like.

```
.text, #text, p{  
    color:#764902  
}
```

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 #764902 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764902
}
```

Border

The CSS property to change the border of an element to Hex 764902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

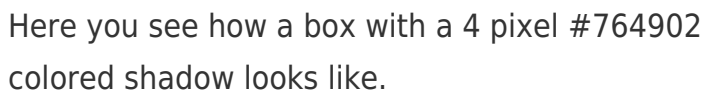
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#764902 }
```

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

```
.border{ border-color:#764902 }
```

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



Here you see how a box with a 4 pixel #764902 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764902; -webkit-box-shadow:4px 4px  
4px 4px #764902; box-shadow:4px 4px 4px  
4px #764902 }
```

Background

The CSS property to change the background color of an element to Hex 764902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764902 }
```

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

```
.background{ background-color:#764902 }
```

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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