

Converting Colors

Hex(764012)

Have a look what the booklet for
Hex(764012) contains.

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Color

Hex(764012)

Conversions

Conversions Part 1

Format	Color
Hex	764012
RGB	118, 64, 18
RGB Percent	46%, 25%, 7%
CMY	0.5373, 0.7490, 0.9294
CMYK	0.00, 0.46, 0.85, 0.54
HSL	28°, 74%, 27%
HSV	28°, 85%, 46%
XYZ	9.4138, 7.5620, 1.5357
YIQ	74.9020, 46.9500, -2.8580

Conversions

Conversions Part 2

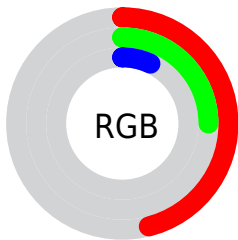
Format	Color
R_{YB}	118, 103, 18
Decimal	7749650
CIE Lab	33.05, 19.90, 36.25
CIE LCh	33, 41.355, 61.237
Yxy	7.5620, 0.5085, 0.4085
Android (android.graphics.Color)	4285939730 (0xFF764012)
YUV	74.9020, -28.0527, 37.7969
Hunter-Lab	27.4991, 12.9826, 15.9383

Details

The Hex color **764012** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **124876**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **AF7041**, and **401400** is the 20% darker color. If you saturate the color by 10%, you get **763A06**, and if you desaturate by 10%, it is **76461E**.

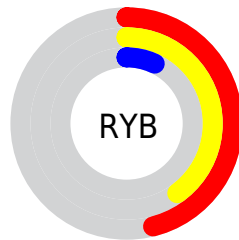
Distribution



Red (46%)

Green (25%)

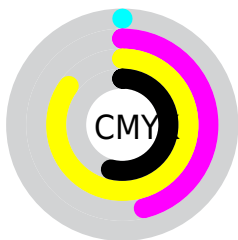
Blue (7%)



Red (46%)

Yellow (40%)

Blue (7%)

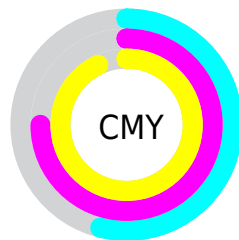


Cyan (0%)

Magenta (46%)

Yellow (85%)

Black (54%)



Cyan (54%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 764012 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 764012 by changing the saturation by 10% instead.

 764012

 764012

 FFFFFB

 5B2900

 AF7041

 401400

 CC8A59

 280000

 E9A472

 000000

 FFC08C

 FFDBA6

 FFF8C2

 FFFFDE

 764012

 764012

■ 763A06

■ 76461E

■ 763600

■ 764D2A

■ 765335

■ 765941

■ 76604D

■ 766659

■ 766D65

■ 767370

■ 76797C

Harmonies

Analogous

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



86332E



764012



5D4D00

Triad

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



764012



005D4E



4F4486

Complementary

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



764012



124876

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.



00518F



764012



005D6F

Square

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



764012



005B2D



005987



76366E

Rectangle

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



764012



485306



005987



3B498B

Sweetspot

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



764012



998473



761249



4D4036



CCCCCC



4D4D4D

Same Dimension

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



764012



994600



767112



3B3735



7A3800



FA7300

Inverse Universe

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



124876



005399



121776



35383B



00427A



0087FA

Previews

White Background



This preview shows how the Hex color 764012 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

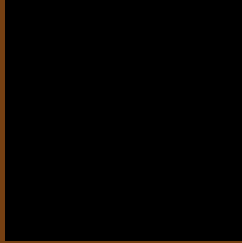
Any Text WCAG AA × Fail

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 764012 Background



This preview shows how black text looks on a background with the Hex color 764012.



This preview shows how white text looks on a background with the Hex color 764012.

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
764012

Protanopia
584F16

Deuteranopia
634A0C



Tritanopia
783C40

Trichromacy



Original Color
764012

Protanomaly
634A15

Deuteranomaly
6A460E

Tritanomaly
773D2F

Monochromacy



Original Color
764012

Achromatopsia
4B4B4B

Achromatomaly
5B4736

CSS Examples

Text

The CSS property to change the color of the text to Hex 764012 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 #764012 looks like.

```
.text, #text, p{  
    color:#764012  
}
```

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 #764012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #764012
}
```

Border

The CSS property to change the border of an element to Hex 764012 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
#764012 }
```

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

```
.border{ border-color:#764012 }
```

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

Here you see how a box with a 4 pixel #764012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #764012; -webkit-box-shadow:4px 4px  
4px 4px #764012; box-shadow:4px 4px 4px  
4px #764012 }
```

Background

The CSS property to change the background color of an element to Hex 764012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#764012 }
```

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

```
.background{ background-color:#764012 }
```

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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