

# Converting Colors

Hex(748412)

Have a look what the booklet for  
Hex(748412) contains.

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**Color**

**Hex(748412)**

# Conversions

## Conversions Part 1

Format	Color
Hex	748412
RGB	116, 132, 18
RGB Percent	45%, 52%, 7%
CMY	0.5451, 0.4824, 0.9294
CMYK	0.12, 0.00, 0.86, 0.48
HSL	68°, 76%, 29%
HSV	68°, 86%, 52%
XYZ	15.5629, 20.2592, 3.6624
YIQ	114.2200, 27.0580, -38.8460

# Conversions

## Conversions Part 2

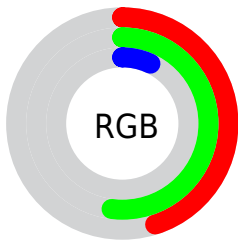
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">18, 132, 34</a>
Decimal	<a href="#">7635986</a>
CIELab	<a href="#">52.13, -20.12, 52.90</a>
CIELCh	<a href="#">52, 56.600, 110.822</a>
Yxy	<a href="#">20.2592, 0.3942, 0.5131</a>
Android (android.graphics.Color)	<a href="#">4285826066 (0xFF748412)</a>
YUV	<a href="#">114.2200, -47.4365, 1.5611</a>
Hunter-Lab	<a href="#">45.0102, -17.0491, 26.6828</a>

# Details

The Hex color **748412** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **221284**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **ABB94B**, and **405300** is the 20% darker color. If you saturate the color by 10%, you get **728405**, and if you desaturate by 10%, it is **76841F**.

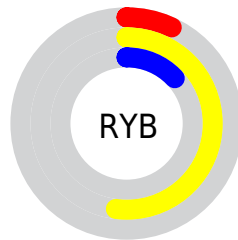
# Distribution



Red (45%)

Green (52%)

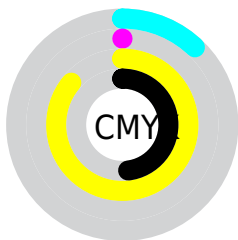
Blue (7%)



Red (7%)

Yellow (52%)

Blue (13%)

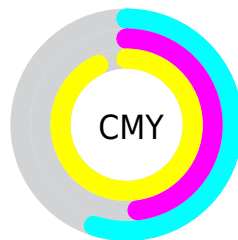


Cyan (12%)

Magenta (0%)

Yellow (86%)

Black (48%)



Cyan (55%)

Magenta (48%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 748412 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 748412 by changing the saturation by 10% instead.





748412



748412

FFFFFF



596B00



ABB94B



405300



C7D565



263C00



E4F180



0C2600



FFFF9B



000E00



FFFFB7



000000



FFFFD3



FFFFF0



748412



748412

■ 728405

■ 76841F

■ 718400

■ 78842C

■ 7A843A

■ 7B8447

■ 7D8454

■ 7F8461

■ 81846E

■ 83847C

■ 858489

# Harmonies

## Analogous

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



A1750D



748412



358D3B

# Triad

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



748412



0090C7



CC4E8D

# Complementary

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



748412



221284

# 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.



A860BA



748412



0086DC

# Square

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



748412



00939D



5F76D8



D34F5D

# Rectangle

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



748412



00915B



5F76D8



C3539D



# Sweetspot

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



748412



A5AB7E



842112



53573C



D6D6D6



575757



# Same Dimension

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



748412



93AB00



3C8412



41423C



708200



020300



# Inverse Universe

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



221284



1800AB



5A1284



3D3C42



120082



000003



# Previews

## White Background



This preview shows how the Hex color 748412 looks on a white background.

## Color Contrast Check

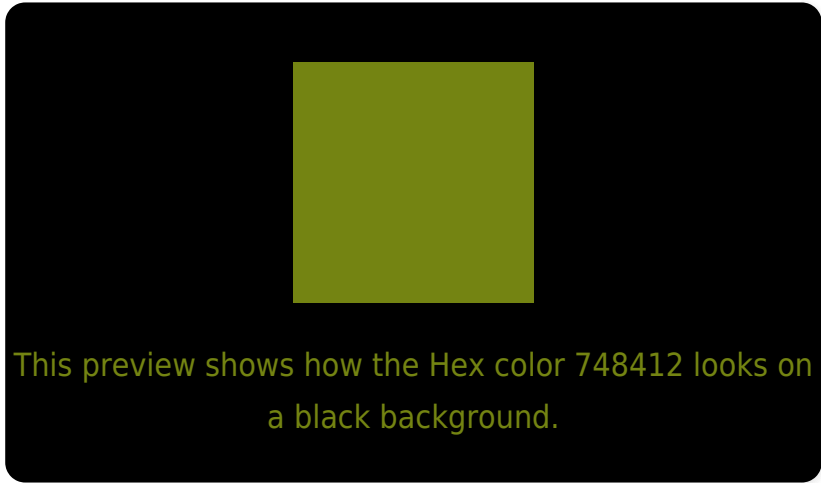
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 748412 Background



This preview shows how black text looks on a background with the Hex color 748412.



This preview shows how white text looks on a background with the Hex color 748412.

# 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**  
748412

**Protanopia**  
8C7C10

**Deuteranopia**  
9C761C



**Tritanopia**  
7E7B84

# Trichromacy



**Original Color**  
748412

**Protanomaly**  
837F11

**Deuteranomaly**  
8D7B18

**Tritanomaly**  
7A7E5B

# Monochromacy



**Original Color**  
748412

**Achromatopsia**  
727272

**Achromatomaly**  
73794F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 748412 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 #748412 looks like.

```
.text, #text, p{  
    color:#748412  
}
```

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 #748412 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #748412
}
```

## Border

The CSS property to change the border of an element to Hex 748412 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
#748412 }
```

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

```
.border{ border-color:#748412 }
```

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

Here you see how a box with a 4 pixel #748412 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #748412; -webkit-box-shadow:4px 4px  
4px 4px #748412; box-shadow:4px 4px 4px  
4px #748412 }
```

# Background

The CSS property to change the background color of an element to Hex 748412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#748412 }
```

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

```
.background{ background-color:#748412 }
```

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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