

Converting Colors

Hex(738212)

Have a look what the booklet for
Hex(738212) contains.

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Color

Hex(738212)

Conversions

Conversions Part 1

Format	Color
Hex	738212
RGB	115, 130, 18
RGB Percent	45%, 51%, 7%
CMY	0.5490, 0.4902, 0.9294
CMYK	0.12, 0.00, 0.86, 0.49
HSL	68°, 76%, 29%
HSV	68°, 86%, 51%
XYZ	15.1620, 19.6538, 3.5667
YIQ	112.7470, 27.0120, -38.0120

Conversions

Conversions Part 2

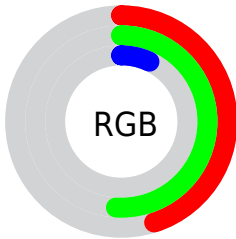
Format	Color
RYB	18, 130, 33
Decimal	7569938
CIELab	51.44, -19.53, 52.29
CIELCh	51, 55.818, 110.484
Yxy	19.6538, 0.3950, 0.5121
Android (android.graphics.Color)	4285760018 (0xFF738212)
YUV	112.7470, -46.7103, 1.9759
Hunter-Lab	44.3326, -16.5338, 26.2627

Details

The Hex color **738212** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **211282**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **AAB74A**, and **3F5100** is the 20% darker color. If you saturate the color by 10%, you get **718205**, and if you desaturate by 10%, it is **75821F**.

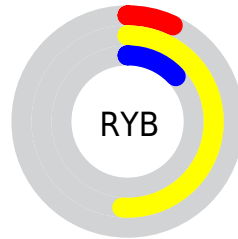
Distribution



Red (45%)

Green (51%)

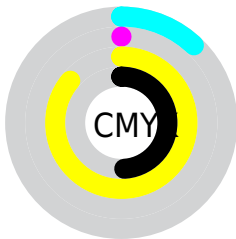
Blue (7%)



Red (7%)

Yellow (51%)

Blue (13%)

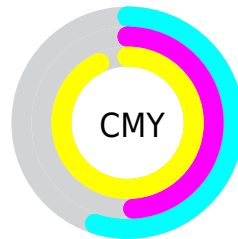


Cyan (12%)

Magenta (0%)

Yellow (86%)

Black (49%)



Cyan (55%)

Magenta (49%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 738212 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 738212 by changing the saturation by 10% instead.



738212



738212

FFFFFF



586900



AAB74A



3F5100



C6D265



253A00



E3EF7F



0B2400



FFFF9A



000A00



FFFFB6



000000



FFFFD2



FFFFEF



738212



738212

■ 718205

■ 75821F

■ 718200

■ 76822C

■ 788239

■ 7A8246

■ 7C8253

■ 7D8260

■ 7F826D

■ 81827A

■ 838287

Harmonies

Analogous

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



9F730E



738212



368B3A

Triad

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



738212



008EC4



C94E8C

Complementary

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



738212



211282

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.



A55FB8



738212



0085D9

Square

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



738212



00919B



5D74D4



D04E5C

Rectangle

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



738212



008F59



5D74D4



C0529C

Sweetspot

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



738212



A2A87D



822112



51543A



D4D4D4



545454

Same Dimension

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



738212



92A800



3B8212



3F4039



6E8000



000000

Inverse Universe

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



211282



1700A8



591282



3A3940



110080



000000

Previews

White Background



This preview shows how the Hex color 738212 looks on a white background.

Color Contrast Check

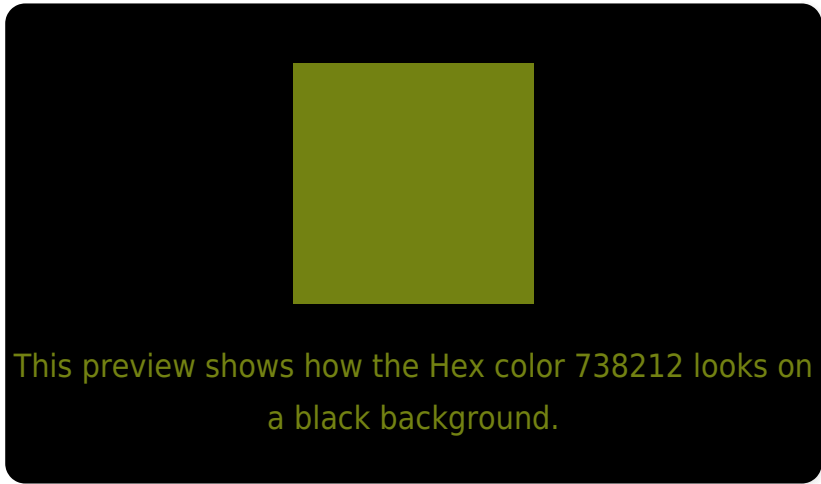
Large Text (above 18pt) WCAG AA ✓ Pass

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 738212 Background



This preview shows how black text looks on a background with the Hex color 738212.



This preview shows how white text looks on a background with the Hex color 738212.

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
738212

Protanopia
8A7B10

Deuteranopia
9A741C



Tritanopia
7D7982

Trichromacy



Original Color
738212

Protanomaly
827E11

Deuteranomaly
8C7918

Tritanomaly
797C59

Monochromacy



Original Color
738212

Achromatopsia
717171

Achromatomaly
72774E

CSS Examples

Text

The CSS property to change the color of the text to Hex 738212 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 #738212 looks like.

```
.text, #text, p{  
    color:#738212  
}
```

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 #738212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #738212
}
```

Border

The CSS property to change the border of an element to Hex 738212 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
#738212 }
```

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

```
.border{ border-color:#738212 }
```

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

Here you see how a box with a 4 pixel #738212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #738212; -webkit-box-shadow:4px 4px  
4px 4px #738212; box-shadow:4px 4px 4px  
4px #738212 }
```

Background

The CSS property to change the background color of an element to Hex 738212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#738212 }
```

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

```
.background{ background-color:#738212 }
```

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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