

Converting Colors

Hex(769212)

Have a look what the booklet for
Hex(769212) contains.

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Color

Hex(769212)

Conversions

Conversions Part 1

Format	Color
Hex	769212
RGB	118, 146, 18
RGB Percent	46%, 57%, 7%
CMY	0.5373, 0.4275, 0.9294
CMYK	0.19, 0.00, 0.88, 0.43
HSL	73°, 78%, 32%
HSV	73°, 88%, 57%
XYZ	17.8593, 24.4530, 4.3509
YIQ	123.0360, 24.4000, -45.7440

Conversions

Conversions Part 2

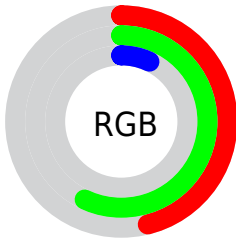
Format	Color
RYB	18, 146, 46
Decimal	7770642
CIELab	56.54, -26.28, 56.69
CIELCh	57, 62.488, 114.875
Yxy	24.4530, 0.3827, 0.5240
Android (android.graphics.Color)	4285960722 (0xFF769212)
YUV	123.0360, -51.7827, -4.4166
Hunter-Lab	49.4500, -22.0706, 29.3983

Details

The Hex color **769212** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2E1292**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ADC84D**, and **415F00** is the 20% darker color. If you saturate the color by 10%, you get **739203**, and if you desaturate by 10%, it is **799221**.

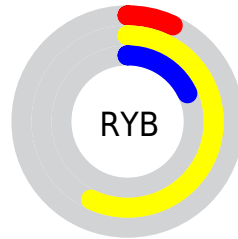
Distribution



Red (46%)

Green (57%)

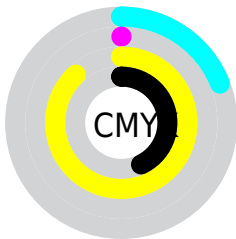
Blue (7%)



Red (7%)

Yellow (57%)

Blue (18%)

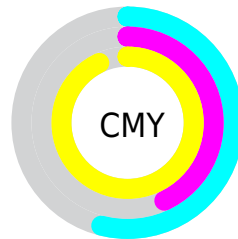


Cyan (19%)

Magenta (0%)

Yellow (88%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 769212 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 769212 by changing the saturation by 10% instead.



769212



769212

FFFFFF



5B7800



ADC84D



415F00



CAE468



264800



E7FF83



083100



FFFF9F



001E00



FFFFBB



000000



FFFD7



FFFFF4



769212



769212

■ 739203

■ 799221

■ 729200

■ 7C922F

■ 80923E

■ 83924C

■ 86925B

■ 89926A

■ 8C9278

■ 909287

■ 939295

Harmonies

Analogous

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



AA8200



769212



239C45

Triad

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



769212



009CE0



E35193

Complementary

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



769212



2E1292

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.



C064C7



769212



0091F4

Square

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



769212



00A1B4



747DEB



E7565D

Rectangle

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



769212



009F69



747DEB



DB56A5

Sweetspot

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



769212



B2BD8C



922E12



585E41



DEDEDE



5E5E5E

Same Dimension

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



769212



93BD00



369212



484A43



6C8A00



080A00

Inverse Universe

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



2E1292



2900BD



6E1292



44434A



1E008A



02000A

Previews

White Background



This preview shows how the Hex color 769212 looks on a white background.

Color Contrast Check

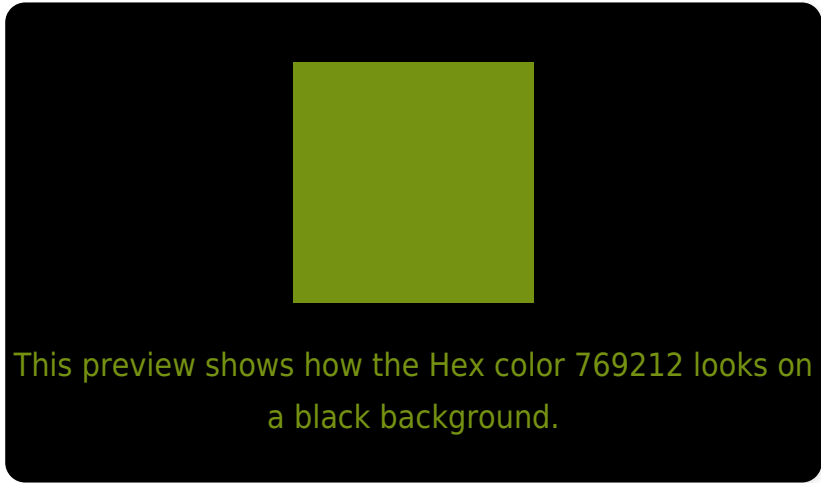
Large Text (above 18pt) WCAG AA ✓ Pass

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 769212 Background



This preview shows how black text looks on a background with the Hex color 769212.



This preview shows how white text looks on a background with the Hex color 769212.

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





Tritanopia
828893

Trichromacy



Original Color
769212

Protanomaly
8C8C0F

Deuteranomaly
97871A

Tritanomaly
7E8C64

Monochromacy



Original Color
769212

Achromatopsia
7B7B7B

Achromatomaly
798355

CSS Examples

Text

The CSS property to change the color of the text to Hex 769212 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 #769212 looks like.

```
.text, #text, p{  
    color:#769212  
}
```

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 #769212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769212
}
```

Border

The CSS property to change the border of an element to Hex 769212 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
#769212 }
```

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

```
.border{ border-color:#769212 }
```

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

Here you see how a box with a 4 pixel #769212 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769212; -webkit-box-shadow:4px 4px  
4px 4px #769212; box-shadow:4px 4px 4px  
4px #769212 }
```

Background

The CSS property to change the background color of an element to Hex 769212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769212 }
```

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

```
.background{ background-color:#769212 }
```

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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