

# Converting Colors

Hex(709A28)

Have a look what the booklet for  
Hex(709A28) contains.

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**Color**

**Hex(709A28)**

# Conversions

## Conversions Part 1

Format	Color
Hex	709A28
RGB	112, 154, 40
RGB Percent	44%, 60%, 16%
CMY	0.5608, 0.3961, 0.8431
CMYK	0.27, 0.00, 0.74, 0.40
HSL	82°, 59%, 38%
HSV	82°, 74%, 60%
XYZ	18.6207, 26.7091, 6.1815
YIQ	128.4460, 11.5620, -44.3580

# Conversions

## Conversions Part 2

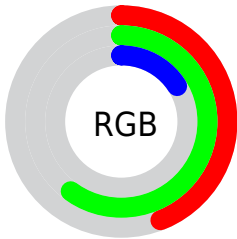
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 154, 82
Decimal	7379496
CIELab	58.70, -31.61, 51.93
CIELCh	59, 60.794, 121.324
Yxy	26.7091, 0.3615, 0.5185
Android (android.graphics.Color)	4285569576 (0xFF709A28)
YUV	128.4460, -43.6039, -14.4231
Hunter-Lab	51.6809, -26.1278, 29.0851

# Details

The Hex color **709A28** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **52289A**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A7D15D**, and **3B6700** is the 20% darker color. If you saturate the color by 10%, you get **6A9A19**, and if you desaturate by 10%, it is **769A37**.

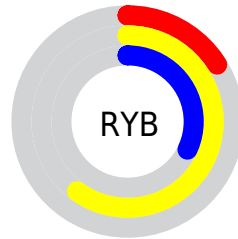
# Distribution



Red (44%)

Green (60%)

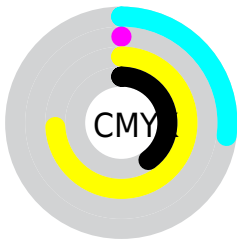
Blue (16%)



Red (16%)

Yellow (60%)

Blue (32%)

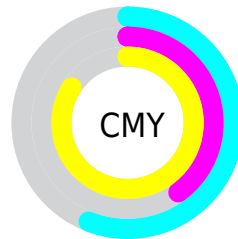


Cyan (27%)

Magenta (0%)

Yellow (74%)

Black (40%)



Cyan (56%)

Magenta (40%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 709A28 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 709A28 by changing the saturation by 10% instead.



 709A28

 709A28

FFFFFF

 558005

 A7D15D

 3B6700

 C3ED78

 214E00

 E0FF93

 003700

 FDFFAE

 002300

 FFFFCB

 000000

 FFFFE7

 709A28

 709A28

 6A9A19

 769A37

■ 659A09

■ 7B9A47

■ 619A00

■ 819A56

■ 879A66

■ 8C9A75

■ 929A84

■ 989A94

■ 9D9AA3

■ A39AB3

# Harmonies

## Analogous

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



A68B0F



709A28



01A257

# Triad

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



709A28



00A0EA



EB598D

# Complementary

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



709A28



52289A

# 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.



CF66C1



709A28



0093F8

# Square

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



709A28



00A6C3



907EE9



E96259

# Rectangle

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



709A28



00A57B



907EE9



E55B9F



# Sweetspot

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



709A28



B9C99D



9A5228



5C664B



E6E6E6



666666



# Same Dimension

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



709A28



87C916



379A28



4A4D45



598C00



080D00



# Inverse Universe

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



52289A



5816C9



8B289A



48454D



34008C



05000D



# Previews

## White Background



This preview shows how the Hex color 709A28 looks on a white background.

## Color Contrast Check

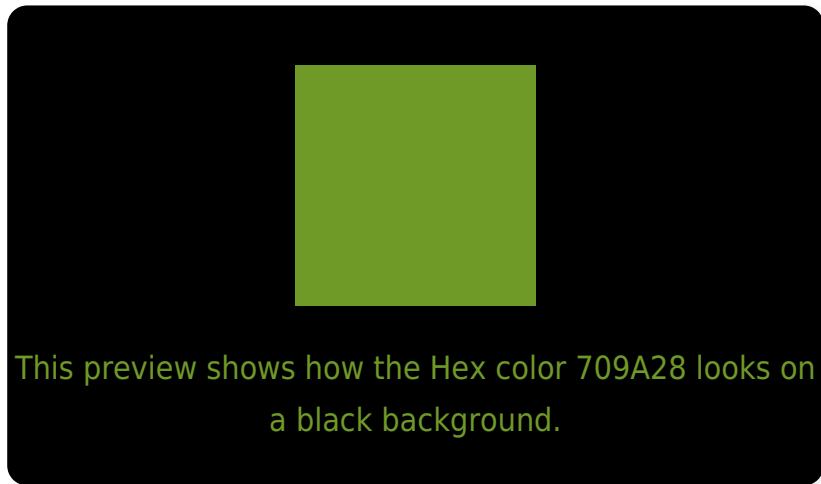
Large Text (above 18pt) WCAG AA ✓ Pass

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 709A28 Background



This preview shows how black text looks on a background with the Hex color 709A28.



This preview shows how white text looks on a background with the Hex color 709A28.

# 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**  
709A28

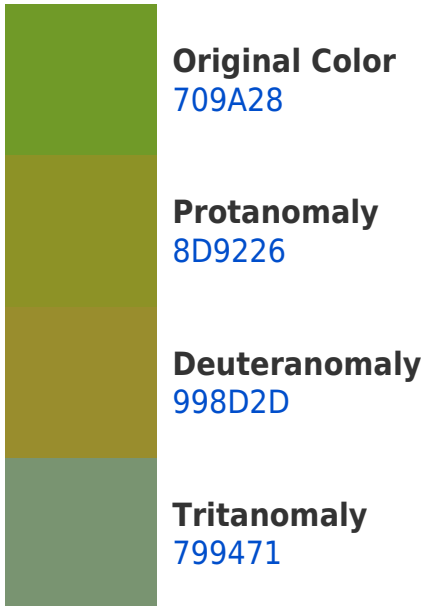
**Protanopia**  
9E8D25

**Deuteranopia**  
B08630

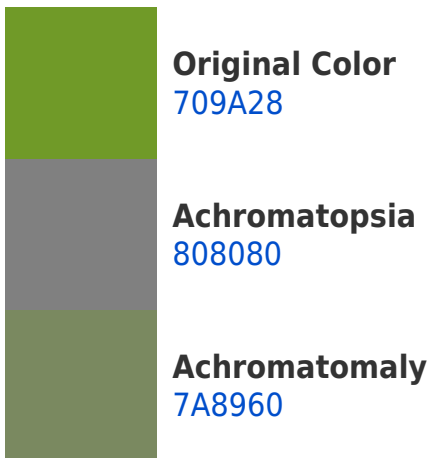


**Tritanopia**  
7E909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 709A28 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 #709A28 looks like.

```
.text, #text, p{  
    color:#709A28  
}
```

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 #709A28 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #709A28  
}
```

## Border

The CSS property to change the border of an element to Hex 709A28 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  
#709A28 }
```

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

```
.border{ border-color:#709A28 }
```

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

Here you see how a box with a 4 pixel #709A28 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #709A28; -webkit-box-shadow:4px 4px  
4px 4px #709A28; box-shadow:4px 4px 4px  
4px #709A28 }
```

# Background

The CSS property to change the background color of an element to Hex 709A28 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#709A28 }
```

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

```
.background{ background-color:#709A28 }
```

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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