

# Converting Colors

Hex(759D2F)

Have a look what the booklet for  
Hex(759D2F) contains.

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**Color**

**Hex(759D2F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	759D2F
RGB	117, 157, 47
RGB Percent	46%, 62%, 18%
CMY	0.5412, 0.3843, 0.8157
CMYK	0.25, 0.00, 0.70, 0.38
HSL	82°, 54%, 40%
HSV	82°, 70%, 62%
XYZ	19.9062, 28.1011, 7.0642
YIQ	132.5000, 11.4700, -42.6900

# Conversions

## Conversions Part 2

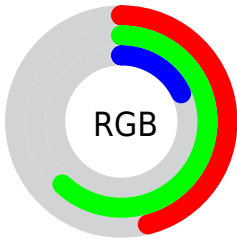
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 157, 87
Decimal	7707951
CIELab	59.98, -30.57, 50.64
CIElCh	60, 59.148, 121.121
Yxy	28.1011, 0.3615, 0.5103
Android (android.graphics.Color)	4285898031 (0xFF759D2F)
YUV	132.5000, -42.1515, -13.5935
Hunter-Lab	53.0105, -25.7390, 29.2063

# Details

The Hex color **759D2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **572F9D**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **ACD464**, and **406900** is the 20% darker color. If you saturate the color by 10%, you get **6F9D1F**, and if you desaturate by 10%, it is **7B9D3F**.

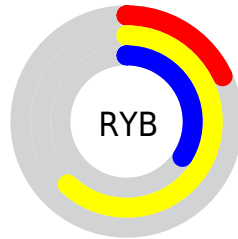
# Distribution



Red (46%)

Green (62%)

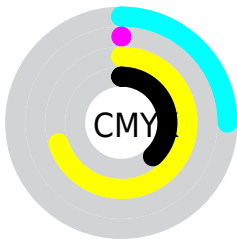
Blue (18%)



Red (18%)

Yellow (62%)

Blue (34%)

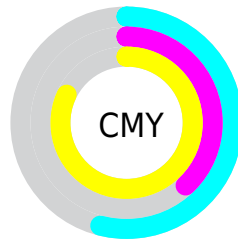


Cyan (25%)

Magenta (0%)

Yellow (70%)

Black (38%)



Cyan (54%)

Magenta (38%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 759D2F 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 759D2F by changing the saturation by 10% instead.





759D2F



759D2F

FFFFFF



5A8311



ACD464



406900



C8F07E



275100



E5FF99



063A00



FFFFB5



002500



FFFFD1



000000



FFFEE



759D2F



759D2F



6F9D1F



7B9D3F

■ 6A9D10

■ 809D4E

■ 649D00

■ 869D5E

■ 8C9D6E

■ 929D7E

■ 979D8D

■ 9D9D9D

■ A39DAD

■ A89DBC

# Harmonies

## Analogous

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



A98F1B



759D2F



1CA65C

# Triad

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



759D2F



00A3EB



ED5F91

# Complementary

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



759D2F



572F9D

# 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.



D16BC4



759D2F



0096F9

# Square

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



759D2F



00A9C5



9382EA



EB675E

# Rectangle

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



759D2F



00A87F



9382EA



E761A2



# Sweetspot

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



759D2F



BCCCA1



9D562F



5D664D



E6E6E6



666666



# Same Dimension

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



759D2F



8ECC21



409D2F



4C4F47



5B8F00



0A0F00



# Inverse Universe

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



572F9D



5F21CC



8C2F9D



4A474F



34008F



06000F



# Previews

## White Background



This preview shows how the Hex color 759D2F looks on a white background.

## Color Contrast Check

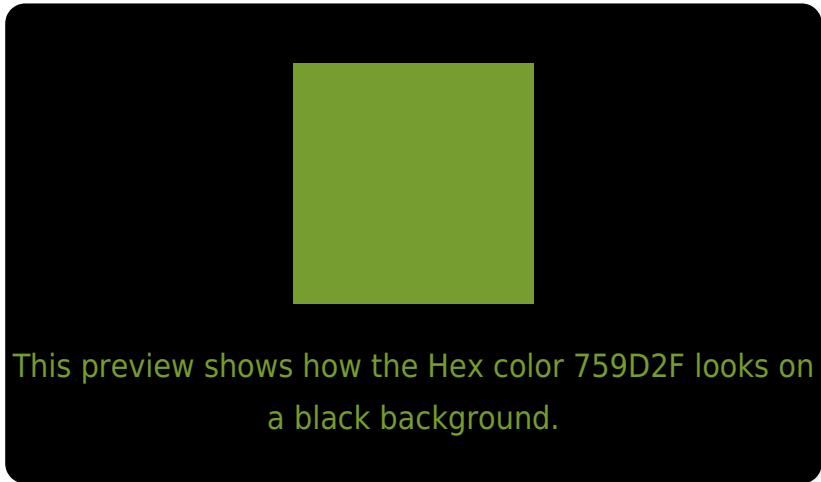
Large Text (above 18pt) WCAG AA ✓ Pass

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 759D2F Background



This preview shows how black text looks on a background with the Hex color 759D2F.



This preview shows how white text looks on a background with the Hex color 759D2F.

# 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](#).

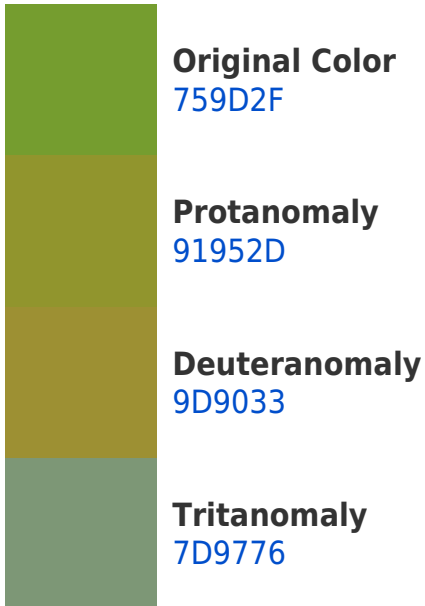
## Dichromacy





**Tritanopia**  
82939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 759D2F 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 #759D2F looks like.

```
.text, #text, p{  
    color:#759D2F  
}
```

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 #759D2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759D2F
}
```

## Border

The CSS property to change the border of an element to Hex 759D2F 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
#759D2F }
```

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

```
.border{ border-color:#759D2F }
```

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

Here you see how a box with a 4 pixel #759D2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759D2F; -webkit-box-shadow:4px 4px  
4px 4px #759D2F; box-shadow:4px 4px 4px  
4px #759D2F }
```

# Background

The CSS property to change the background color of an element to Hex 759D2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759D2F }
```

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

```
.background{ background-color:#759D2F }
```

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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