

Converting Colors

Hex(759A2F)

Have a look what the booklet for
Hex(759A2F) contains.

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Color

Hex(759A2F)

Conversions

Conversions Part 1

Format	Color
Hex	759A2F
RGB	117, 154, 47
RGB Percent	46%, 60%, 18%
CMY	0.5412, 0.3961, 0.8157
CMYK	0.24, 0.00, 0.69, 0.40
HSL	81°, 53%, 39%
HSV	81°, 69%, 60%
XYZ	19.4048, 27.0983, 6.8971
YIQ	130.7390, 12.2950, -41.1210

Conversions

Conversions Part 2

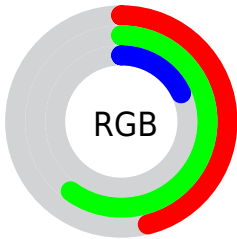
Format	Color
RYB	47, 154, 84
Decimal	7707183
CIELab	59.07, -29.14, 49.70
CIELCh	59, 57.611, 120.387
Yxy	27.0983, 0.3634, 0.5075
Android (android.graphics.Color)	4285897263 (0xFF759A2F)
YUV	130.7390, -41.2833, -12.0491
Hunter-Lab	52.0561, -24.5591, 28.5837

Details

The Hex color **759A2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **542F9A**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ACD163**, and **406700** is the 20% darker color. If you saturate the color by 10%, you get **709A20**, and if you desaturate by 10%, it is **7A9A3E**.

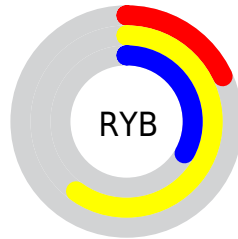
Distribution



Red (46%)

Green (60%)

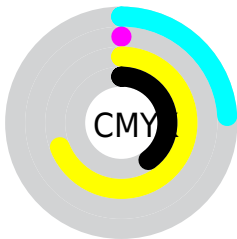
Blue (18%)



Red (18%)

Yellow (60%)

Blue (33%)

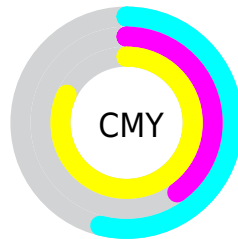


Cyan (24%)

Magenta (0%)

Yellow (69%)

Black (40%)



Cyan (54%)

Magenta (40%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 759A2F 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 759A2F by changing the saturation by 10% instead.



759A2F



759A2F

FFFFFF



5A8011



ACD163



406700



C8ED7E



274E00



E5FF99



083700



FFFFB4



002300



FFFFD0



000000



FFFED



759A2F



759A2F



709A20



7A9A3E

■ 6A9A10

■ 809A4E

■ 659A01

■ 859A5D

■ 659A00

■ 8A9A6D

■ 909A7C

■ 959A8B

■ 9A9A9B

■ A09AAA

■ A59ABA

Harmonies

Analogous

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



A88C1D



759A2F



24A25A

Triad

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



759A2F



00A0E6



E75E90

Complementary

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



759A2F



542F9A

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.



CC6BC1



759A2F



0094F3

Square

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



759A2F



00A6C0



8F80E6



E7655E

Rectangle

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



759A2F



00A57C



8F80E6



E260A1

Sweetspot

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



759A2F



BBC99F



9A532F



5D664D



E6E6E6



666666

Same Dimension

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



759A2F



90C922



419A2F



4A4D45



5C8C00



080D00

Inverse Universe

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



542F9A



5C22C9



882F9A



47454D



30008C



04000D

Previews

White Background



This preview shows how the Hex color 759A2F looks on a white background.

Color Contrast Check

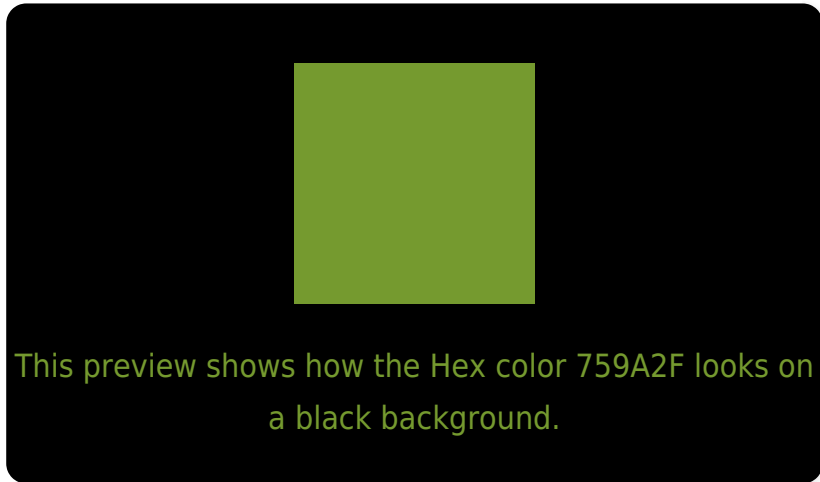
Large Text (above 18pt) WCAG AA ✓ Pass

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 759A2F Background



This preview shows how black text looks on a background with the Hex color 759A2F.



This preview shows how white text looks on a background with the Hex color 759A2F.

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](#).

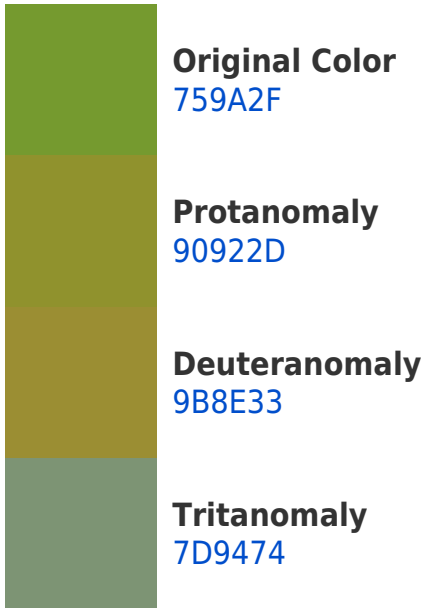
Dichromacy



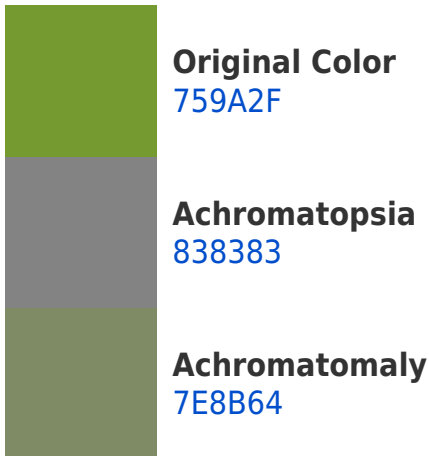


Tritanopia
82909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 759A2F 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 #759A2F looks like.

```
.text, #text, p{  
    color:#759A2F  
}
```

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 #759A2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759A2F
}
```

Border

The CSS property to change the border of an element to Hex 759A2F 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
#759A2F }
```

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

```
.border{ border-color:#759A2F }
```

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

Here you see how a box with a 4 pixel #759A2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759A2F; -webkit-box-shadow:4px 4px  
4px 4px #759A2F; box-shadow:4px 4px 4px  
4px #759A2F }
```

Background

The CSS property to change the background color of an element to Hex 759A2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759A2F }
```

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

```
.background{ background-color:#759A2F }
```

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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