

# Converting Colors

Hex(758C2F)

Have a look what the booklet for  
Hex(758C2F) contains.

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# Color

Hex(758C2F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	758C2F
RGB	117, 140, 47
RGB Percent	46%, 55%, 18%
CMY	0.5412, 0.4510, 0.8157
CMYK	0.16, 0.00, 0.66, 0.45
HSL	75°, 50%, 37%
HSV	75°, 66%, 55%
XYZ	17.2273, 22.7433, 6.1712
YIQ	122.5210, 16.1450, -33.7990

# Conversions

## Conversions Part 2

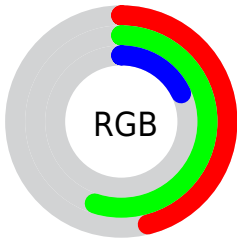
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 140, 70
Decimal	7703599
CIELab	54.81, -22.24, 45.26
CIELCh	55, 50.425, 116.170
Yxy	22.7433, 0.3734, 0.4929
Android (android.graphics.Color)	4285893679 (0xFF758C2F)
YUV	122.5210, -37.2319, -4.8419
Hunter-Lab	47.6899, -18.9769, 25.7106

# Details

The Hex color **758C2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **462F8C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **ABC262**, and **415A00** is the 20% darker color. If you saturate the color by 10%, you get **728C21**, and if you desaturate by 10%, it is **788C3D**.

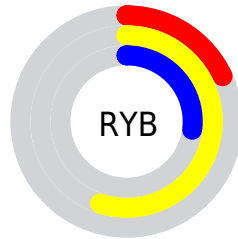
# Distribution



Red (46%)

Green (55%)

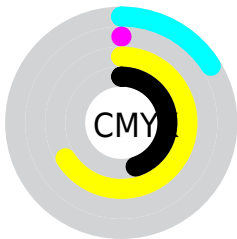
Blue (18%)



Red (18%)

Yellow (55%)

Blue (27%)

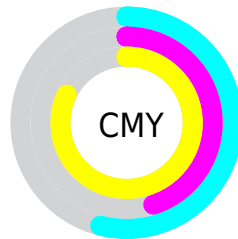


Cyan (16%)

Magenta (0%)

Yellow (66%)

Black (45%)



Cyan (54%)

Magenta (45%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 758C2F 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 758C2F by changing the saturation by 10% instead.



 758C2F

 758C2F

FFFFFF

 5B7214

 ABC262

 415A00

 C7DE7C

 294200

 E4FA97

 0E2C00

 FFFFB2

 001900

 FFFFCE

 000000

 FFFFEB

 758C2F

 758C2F

 728C21

 788C3D

■ 6E8C13

■ 7C8C4B

■ 6B8C05

■ 7F8C59

■ 698C00

■ 838C67

■ 868C75

■ 8A8C83

■ 8D8C91

■ 918C9F

■ 948CAD

# Harmonies

## Analogous

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



A07F26



758C2F



3B9450

# Triad

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



758C2F



0094CB



CF5C8B

# Complementary

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



758C2F



462F8C

# 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.



B368B4



758C2F



008ADA

# Square

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



758C2F



0098A8



7B7AD2



D25F5F

# Rectangle

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



758C2F



00976D



7B7AD2



C95E99



# Sweetspot

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



758C2F



ACB591



8C452F



565C46



DBDBDB



5C5C5C



# Same Dimension

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



758C2F



91B524



488C2F



43453E



648500



040500



# Inverse Universe

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



462F8C



4824B5



732F8C



403E45



210085



010005



# Previews

## White Background



This preview shows how the Hex color 758C2F looks on a white background.

## Color Contrast Check

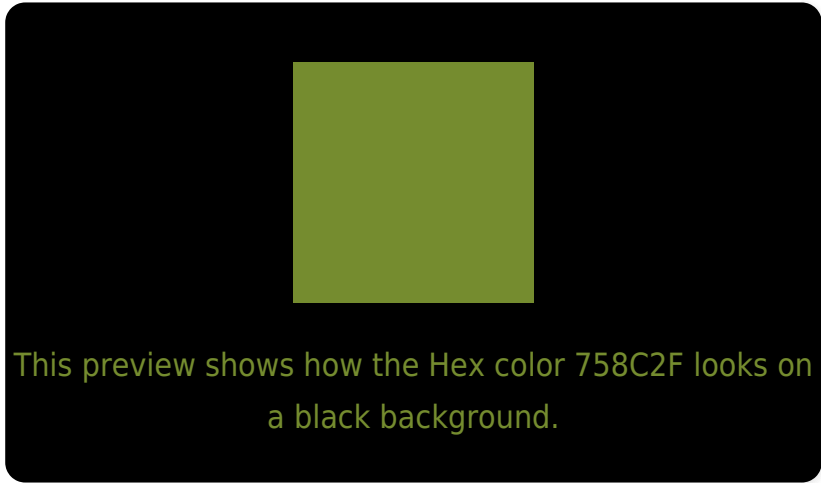
Large Text (above 18pt) WCAG AA ✓ Pass

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

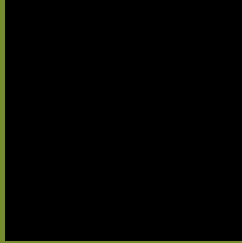
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 758C2F Background



This preview shows how black text looks on a background with the Hex color 758C2F.



This preview shows how white text looks on a background with the Hex color 758C2F.

# 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**  
758C2F

**Protanopia**  
92832D

**Deuteranopia**  
A37C34



**Tritanopia**  
7F838D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 758C2F 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 #758C2F looks like.

```
.text, #text, p{  
    color:#758C2F  
}
```

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 #758C2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #758C2F
}
```

## Border

The CSS property to change the border of an element to Hex 758C2F 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
#758C2F }
```

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

```
.border{ border-color:#758C2F }
```

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

Here you see how a box with a 4 pixel #758C2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #758C2F; -webkit-box-shadow:4px 4px  
4px 4px #758C2F; box-shadow:4px 4px 4px  
4px #758C2F }
```

# Background

The CSS property to change the background color of an element to Hex 758C2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#758C2F }
```

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

```
.background{ background-color:#758C2F }
```

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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