

Converting Colors

Hex(638F2F)

Have a look what the booklet for
Hex(638F2F) contains.

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Color

Hex(638F2F)

Conversions

Conversions Part 1

Format	Color
Hex	638F2F
RGB	99, 143, 47
RGB Percent	39%, 56%, 18%
CMY	0.6118, 0.4392, 0.8157
CMYK	0.31, 0.00, 0.67, 0.44
HSL	88°, 51%, 37%
HSV	88°, 67%, 56%
XYZ	15.4811, 22.5028, 6.2169
YIQ	118.9000, 4.5920, -39.1840

Conversions

Conversions Part 2

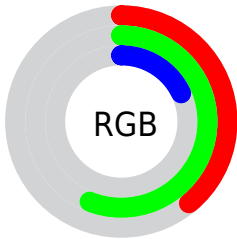
Format	Color
RYB	47, 143, 91
Decimal	6524719
CIELab	54.56, -31.06, 44.64
CIELCh	55, 54.380, 124.835
Yxy	22.5028, 0.3502, 0.5091
Android (android.graphics.Color)	4284714799 (0xFF638F2F)
YUV	118.9000, -35.4467, -17.4523
Hunter-Lab	47.4371, -24.7614, 25.4358

Details

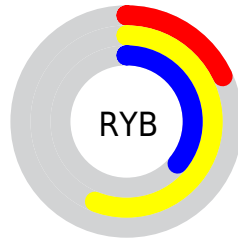
The Hex color **638F2F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **5B2F8F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **99C562**, and **2F5C00** is the 20% darker color. If you saturate the color by 10%, you get **5C8F21**, and if you desaturate by 10%, it is **6A8F3D**.

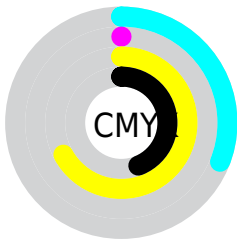
Distribution



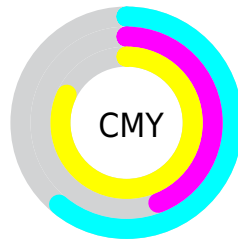
- Red (39%)
- Green (56%)
- Blue (18%)



- Red (18%)
- Yellow (56%)
- Blue (36%)



- Cyan (31%)
- Magenta (0%)
- Yellow (67%)
- Black (44%)



- Cyan (61%)
- Magenta (44%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638F2F 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 638F2F by changing the saturation by 10% instead.

 638F2F

 638F2F

FFFFFF

 497514

 99C562

 2F5C00

 B4E17C

 154400

 D1FE97

 002E00

 EEFFB2

 001900

 FFFFCE

 000000

 FFFFEB

 638F2F

 638F2F

 5C8F21

 6A8F3D

■ 568F12

■ 708F4C

■ 4F8F04

■ 778F5A

■ 4D8F00

■ 7D8F68

■ 848F77

■ 8A8F85

■ 918F93

■ 978FA1

■ 9E8FB0

Harmonies

Analogous

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



948319



638F2F



009658

Triad

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



638F2F



0092D7



D7567D

Complementary

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



638F2F



5B2F8F

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.



C15FAB



638F2F



1A85E0

Square

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



638F2F



0098B7



8E73D0



D35F4F

Rectangle

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



638F2F



009879



8E73D0



D3578D

Sweetspot

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



638F2F



A9BA95



8F5A2F



545E48



DEDEDE



5E5E5E

Same Dimension

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



638F2F



75BA23



348F2F



444740



498700



040800

Inverse Universe

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



5B2F8F



6823BA



8A2F8F



444047



3E0087



040008

Previews

White Background



This preview shows how the Hex color 638F2F looks on a white background.

Color Contrast Check

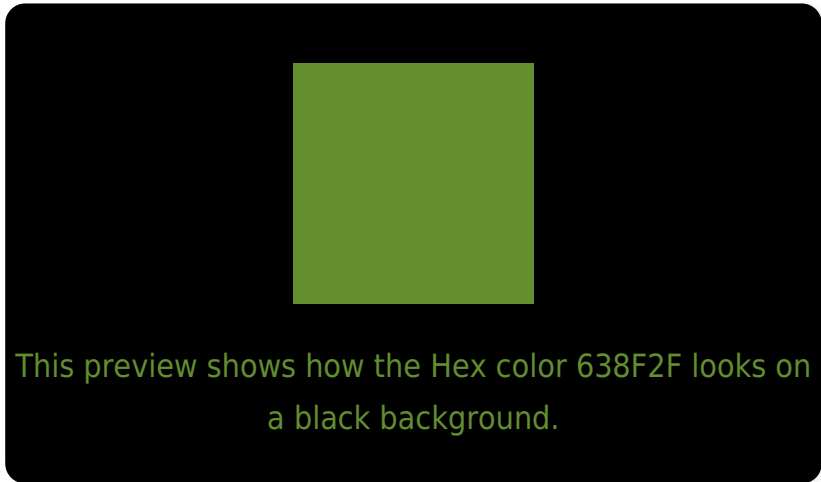
Large Text (above 18pt) WCAG AA ✓ Pass

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 638F2F Background



This preview shows how black text looks on a background with the Hex color 638F2F.



This preview shows how white text looks on a background with the Hex color 638F2F.

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
638F2F

Protanopia
92822C

Deuteranopia
A27C35



Tritanopia
708690

Trichromacy



Original Color
638F2F

Protanomaly
81872D

Deuteranomaly
8B8333

Tritanomaly
6B896D

Monochromacy



Original Color
638F2F

Achromatopsia
777777

Achromatomaly
70805D

CSS Examples

Text

The CSS property to change the color of the text to Hex 638F2F 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 #638F2F looks like.

```
.text, #text, p{  
    color:#638F2F  
}
```

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 #638F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638F2F
}
```

Border

The CSS property to change the border of an element to Hex 638F2F 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
#638F2F }
```

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

```
.border{ border-color:#638F2F }
```

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

Here you see how a box with a 4 pixel #638F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638F2F; -webkit-box-shadow:4px 4px  
4px 4px #638F2F; box-shadow:4px 4px 4px  
4px #638F2F }
```

Background

The CSS property to change the background color of an element to Hex 638F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638F2F }
```

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

```
.background{ background-color:#638F2F }
```

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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