

Converting Colors

Hex(638F11)

Have a look what the booklet for
Hex(638F11) contains.

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Color

Hex(638F11)

Conversions

Conversions Part 1

Format	Color
Hex	638F11
RGB	99, 143, 17
RGB Percent	39%, 56%, 7%
CMY	0.6118, 0.4392, 0.9333
CMYK	0.31, 0.00, 0.88, 0.44
HSL	81°, 79%, 31%
HSV	81°, 88%, 56%
XYZ	15.0692, 22.3380, 4.0478
YIQ	115.4800, 14.2220, -48.5140

Conversions

Conversions Part 2

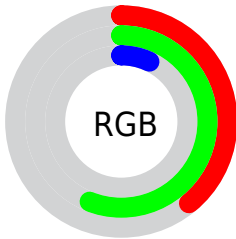
Format	Color
RYB	17, 143, 61
Decimal	6524689
CIELab	54.38, -32.76, 54.60
CIELCh	54, 63.677, 120.965
Yxy	22.3380, 0.3635, 0.5389
Android (android.graphics.Color)	4284714769 (0xFF638F11)
YUV	115.4800, -48.5506, -14.4530
Hunter-Lab	47.2631, -25.7981, 28.0064

Details

The Hex color **638F11** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3D118F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9AC54C**, and **2E5C00** is the 20% darker color. If you saturate the color by 10%, you get **5E8F03**, and if you desaturate by 10%, it is **688F1F**.

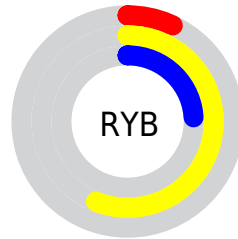
Distribution



Red (39%)

Green (56%)

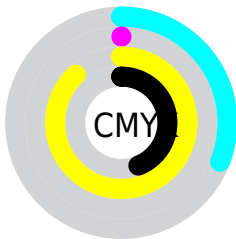
Blue (7%)



Red (7%)

Yellow (56%)

Blue (24%)

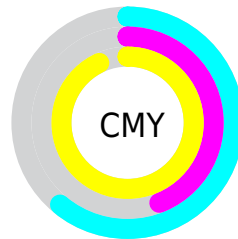


Cyan (31%)

Magenta (0%)

Yellow (88%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638F11 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 638F11 by changing the saturation by 10% instead.



638F11



638F11

FFFFFF



487500



9AC54C



2E5C00



B6E166



0F4400



D3FE81



002E00



F0FF9D



001800



FFFFB9



000000



FFFFD5



FFFFF2



638F11



638F11

■ 5E8F03

■ 688F1F

■ 5D8F00

■ 6D8F2E

■ 728F3C

■ 778F4A

■ 7C8F58

■ 818F67

■ 868F75

■ 8B8F83

■ 908F92

Harmonies

Analogous

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



9A8000



638F11



009749

Triad

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



638F11



0095E2



E24883

Complementary

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



638F11



3D118F

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.



C558B8



638F11



0088F1

Square

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



638F11



009BB9



8273E1



DF524D

Rectangle

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



638F11



009A6F



8273E1



DC4B95

Sweetspot

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



638F11



A9BA8A



8F3B11



545E41



DEDEDE



5E5E5E

Same Dimension

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



638F11



79BA00



268F11



454740



588700



050800

Inverse Universe

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



3D118F



4100BA



7A118F



434047



2F0087



030008

Previews

White Background



This preview shows how the Hex color 638F11 looks on a white background.

Color Contrast Check

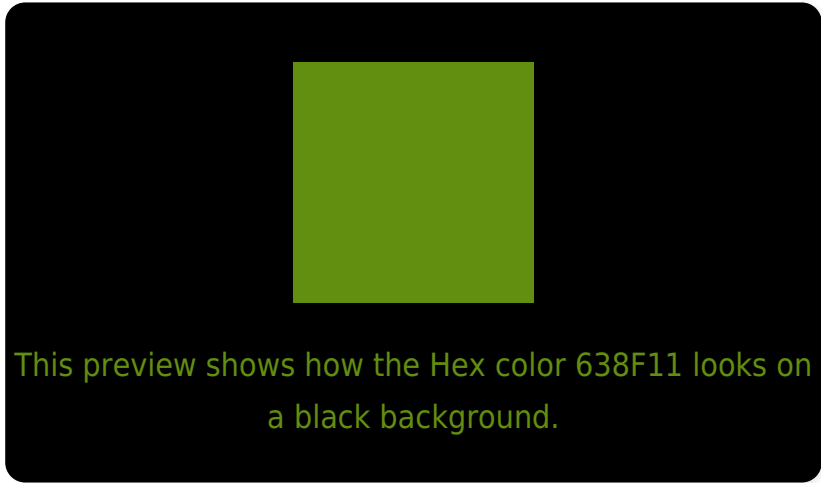
Large Text (above 18pt) WCAG AA ✓ Pass

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 638F11 Background



This preview shows how black text looks on a background with the Hex color 638F11.



This preview shows how white text looks on a background with the Hex color 638F11.

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
638F11

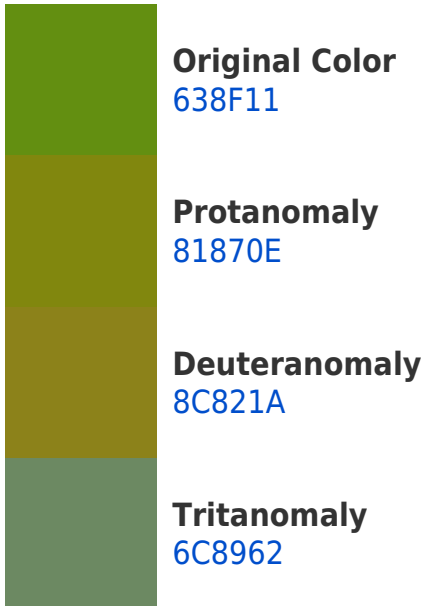
Protanopia
92820C

Deuteranopia
A37B1F



Tritanopia
718590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 638F11 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 #638F11 looks like.

```
.text, #text, p{  
    color:#638F11  
}
```

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 #638F11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638F11
}
```

Border

The CSS property to change the border of an element to Hex 638F11 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
#638F11 }
```

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

```
.border{ border-color:#638F11 }
```

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

Here you see how a box with a 4 pixel #638F11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638F11; -webkit-box-shadow:4px 4px  
4px 4px #638F11; box-shadow:4px 4px 4px  
4px #638F11 }
```

Background

The CSS property to change the background color of an element to Hex 638F11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638F11 }
```

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

```
.background{ background-color:#638F11 }
```

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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