

Converting Colors

Hex(638C0D)

Have a look what the booklet for
Hex(638C0D) contains.

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Color

Hex(638C0D)

Conversions

Conversions Part 1

Format	Color
Hex	638C0D
RGB	99, 140, 13
RGB Percent	39%, 55%, 5%
CMY	0.6118, 0.4510, 0.9490
CMYK	0.29, 0.00, 0.91, 0.45
HSL	79°, 83%, 30%
HSV	79°, 91%, 55%
XYZ	14.5963, 21.4379, 3.7494
YIQ	113.2630, 16.3310, -48.1890

Conversions

Conversions Part 2

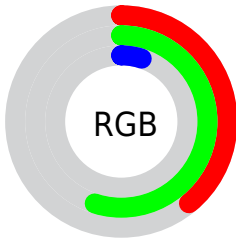
Format	Color
RYB	13, 140, 54
Decimal	6523917
CIELab	53.43, -31.49, 54.63
CIElCh	53, 63.058, 119.961
Yxy	21.4379, 0.3669, 0.5389
Android (android.graphics.Color)	4284713997 (0xFF638C0D)
YUV	113.2630, -49.4297, -12.5087
Hunter-Lab	46.3011, -24.7551, 27.6095

Details

The Hex color **638C0D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **360D8C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **9AC249**, and **2E5A00** is the 20% darker color. If you saturate the color by 10%, you get **5F8C00**, and if you desaturate by 10%, it is **688C1B**.

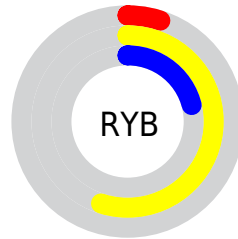
Distribution



Red (39%)

Green (55%)

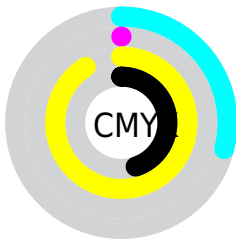
Blue (5%)



Red (5%)

Yellow (55%)

Blue (21%)

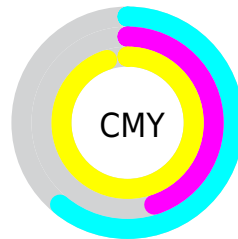


Cyan (29%)

Magenta (0%)

Yellow (91%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 638C0D 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 638C0D by changing the saturation by 10% instead.



638C0D



638C0D

FFFFFF



487200



9AC249



2E5A00



B6DE64



104200



D2FA7F



002B00



F0FF9A



001400



FFFFB6



000000



FFFFD2



FFFFEF



638C0D



638C0D

■ 5F8C00

■ 688C1B

■ 6C8C29

■ 718C37

■ 758C45

■ 7A8C53

■ 7E8C61

■ 838C6F

■ 878C7D

■ 8C8C8B

Harmonies

Analogous

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



997D00



638C0D



009446

Triad

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



638C0D



0093DD



DD4682

Complementary

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



638C0D



360D8C

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.



C057B7



638C0D



0086ED

Square

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



638C0D



0098B5



7C71DE



DC504D

Rectangle

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



638C0D



00976B



7C71DE



D74994

Sweetspot

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



638C0D



A5B584



8C350D



525C3E



DBDBDB



5C5C5C

Same Dimension

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



638C0D



7BB500



248C0D



43453E



5A8500



030500

Inverse Universe

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



360D8C



3A00B5



750D8C



403E45



2B0085



020005

Previews

White Background



This preview shows how the Hex color 638C0D looks on a white background.

Color Contrast Check

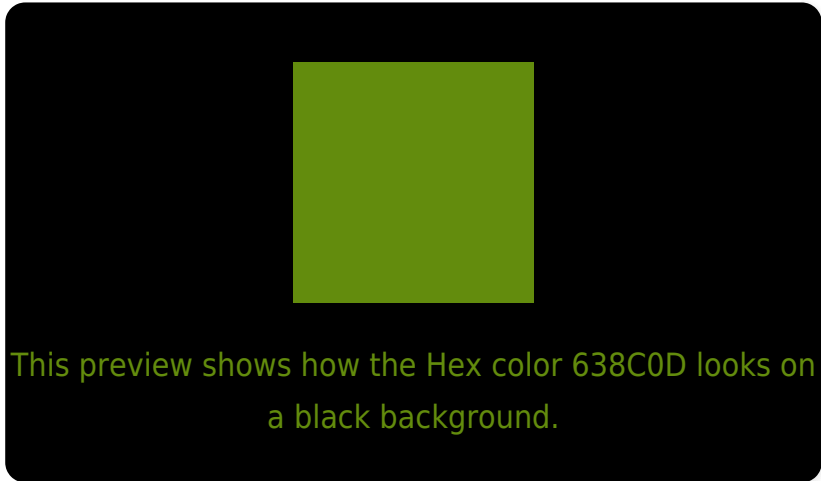
Large Text (above 18pt) WCAG AA ✓ Pass

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 638C0D Background



This preview shows how black text looks on a background with the Hex color 638C0D.



This preview shows how white text looks on a background with the Hex color 638C0D.

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](#).

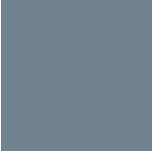
Dichromacy



Original Color
638C0D

Protanopia
908006

Deuteranopia
A0791D



Tritanopia
70828D

Trichromacy



Original Color
638C0D

Protanomaly
808409

Deuteranomaly
8A8017

Tritanomaly
6B865E

Monochromacy



Original Color
638C0D

Achromatopsia
717171

Achromatomaly
6C7B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 638C0D 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 #638C0D looks like.

```
.text, #text, p{  
    color:#638C0D  
}
```

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 #638C0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638C0D
}
```

Border

The CSS property to change the border of an element to Hex 638C0D 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
#638C0D }
```

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

```
.border{ border-color:#638C0D }
```

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

Here you see how a box with a 4 pixel #638C0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638C0D; -webkit-box-shadow:4px 4px  
4px 4px #638C0D; box-shadow:4px 4px 4px  
4px #638C0D }
```

Background

The CSS property to change the background color of an element to Hex 638C0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638C0D }
```

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

```
.background{ background-color:#638C0D }
```

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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