

# Converting Colors

Hex(638E0D)

Have a look what the booklet for  
Hex(638E0D) contains.

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**Color**

**Hex(638E0D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	638E0D
RGB	99, 142, 13
RGB Percent	39%, 56%, 5%
CMY	0.6118, 0.4431, 0.9490
CMYK	0.30, 0.00, 0.91, 0.44
HSL	80°, 83%, 30%
HSV	80°, 91%, 56%
XYZ	14.8912, 22.0277, 3.8477
YIQ	114.4370, 15.7810, -49.2350

# Conversions

## Conversions Part 2

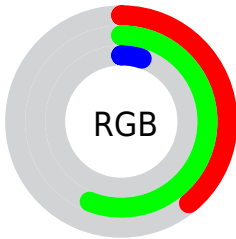
Format	Color
<a href="#">RYB</a>	<a href="#">13, 142, 56</a>
Decimal	<a href="#">6524429</a>
CIELab	<a href="#">54.06, -32.42, 55.16</a>
CIELCh	<a href="#">54, 63.978, 120.447</a>
Yxy	<a href="#">22.0277, 0.3653, 0.5403</a>
Android (android.graphics.Color)	<a href="#">4284714509 (0xFF638E0D)</a>
YUV	<a href="#">114.4370, -50.0084, -13.5382</a>
Hunter-Lab	<a href="#">46.9337, -25.4990, 27.9929</a>

# Details

The Hex color **638E0D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **380D8E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9AC44A**, and **2E5B00** is the 20% darker color. If you saturate the color by 10%, you get **5F8E00**, and if you desaturate by 10%, it is **688E1B**.

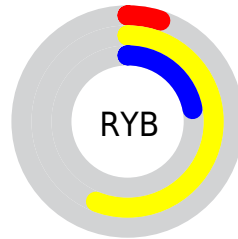
# Distribution



Red (39%)

Green (56%)

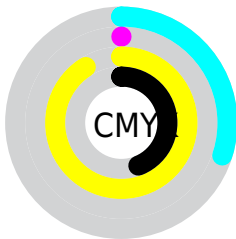
Blue (5%)



Red (5%)

Yellow (56%)

Blue (22%)

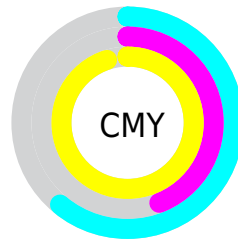


Cyan (30%)

Magenta (0%)

Yellow (91%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638E0D 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 638E0D by changing the saturation by 10% instead.



 638E0D

 638E0D

FFFFFF

 487400

 9AC44A

 2E5B00

 B6E064

 0F4300

 D3FD7F

 002D00

 F0FF9B

 001700

 FFFFB6

 000000

 FFFFD3

 FFFFF0

 638E0D

 638E0D

■ 5F8E00

■ 688E1B

■ 6C8E29

■ 718E38

■ 768E46

■ 7B8E54

■ 7F8E62

■ 848E70

■ 898E7F

■ 8E8E8D

# Harmonies

## Analogous

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



9A7F00



638E0D



009647

# Triad

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



638E0D



0095E1



E14683

# Complementary

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



638E0D



380D8E

# 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.



C357B9



638E0D



0088F0

# Square

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



638E0D



009AB8



7F72E1



DF514D

# Rectangle

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



638E0D



00996D



7F72E1



DB4A95



# Sweetspot

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



638E0D



A7B886



8E380D



525C3E



DBDBDB



5C5C5C



# Same Dimension

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



638E0D



7AB800



228E0D



454740



5A8700



050800



# Inverse Universe

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



380D8E



3D00B8



790D8E



434047



2D0087



030008



# Previews

## White Background



This preview shows how the Hex color 638E0D looks on a white background.

## Color Contrast Check

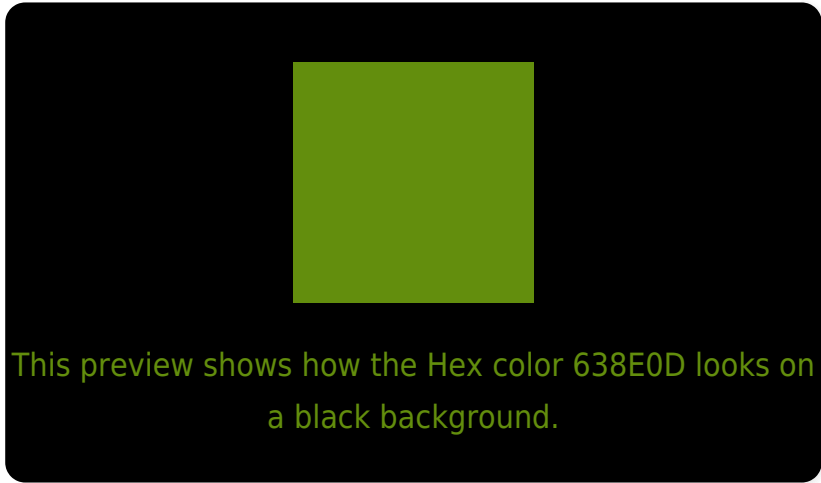
Large Text (above 18pt) WCAG AA ✓ Pass

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 638E0D Background



This preview shows how black text looks on a background with the Hex color 638E0D.



This preview shows how white text looks on a background with the Hex color 638E0D.

# 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](#).

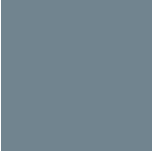
## Dichromacy



**Original Color**  
638E0D

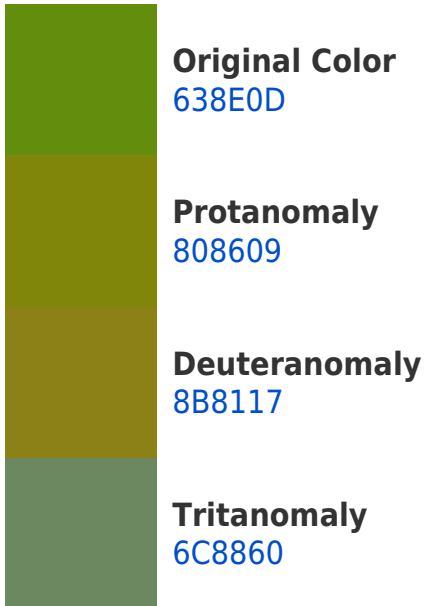
**Protanopia**  
918106

**Deuteranopia**  
A27A1D



**Tritanopia**  
71848F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638E0D 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 #638E0D looks like.

```
.text, #text, p{  
    color:#638E0D  
}
```

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 #638E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638E0D
}
```

## Border

The CSS property to change the border of an element to Hex 638E0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

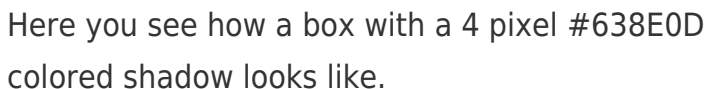
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#638E0D }
```

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

```
.border{ border-color:#638E0D }
```

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



Here you see how a box with a 4 pixel #638E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638E0D; -webkit-box-shadow:4px 4px  
4px 4px #638E0D; box-shadow:4px 4px 4px  
4px #638E0D }
```

# Background

The CSS property to change the background color of an element to Hex 638E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638E0D }
```

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

```
.background{ background-color:#638E0D }
```

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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