

Converting Colors

Hex(648E0C)

Have a look what the booklet for
Hex(648E0C) contains.

Hex(648E0C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(648E0C)

Conversions

Conversions Part 1

Format	Color
Hex	648E0C
RGB	100, 142, 12
RGB Percent	39%, 56%, 5%
CMY	0.6078, 0.4431, 0.9529
CMYK	0.30, 0.00, 0.92, 0.44
HSL	79°, 84%, 30%
HSV	79°, 92%, 56%
XYZ	14.9949, 22.0819, 3.8197
YIQ	114.6220, 16.6980, -49.3340

Conversions

Conversions Part 2

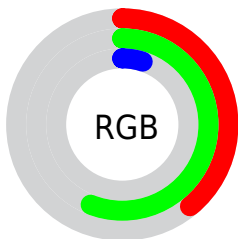
Format	Color
RYB	12, 142, 54
Decimal	6589964
CIELab	54.11, -32.04, 55.41
CIELCh	54, 64.012, 120.039
Yxy	22.0819, 0.3667, 0.5399
Android (android.graphics.Color)	4284780044 (0xFF648E0C)
YUV	114.6220, -50.5926, -12.8235
Hunter-Lab	46.9914, -25.2757, 28.0745

Details

The Hex color **648E0C** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **360C8E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9BC449**, and **2F5B00** is the 20% darker color. If you saturate the color by 10%, you get **608E00**, and if you desaturate by 10%, it is **698E1A**.

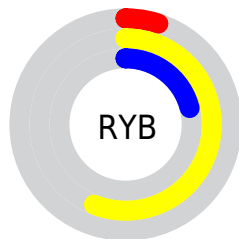
Distribution



Red (39%)

Green (56%)

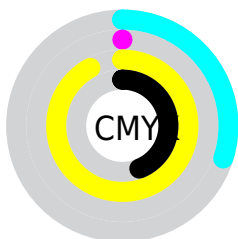
Blue (5%)



Red (5%)

Yellow (56%)

Blue (21%)

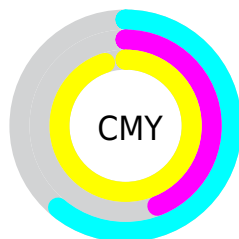


Cyan (30%)

Magenta (0%)

Yellow (92%)

Black (44%)



Cyan (61%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648E0C 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 648E0C by changing the saturation by 10% instead.



648E0C



648E0C

FFFFFF



497400



9BC449



2F5B00



B7E064



104400



D4FD7F



002D00



F1FF9A



001700



FFFFB6



000000



FFFFD2



FFFFEF



648E0C



648E0C

■ 608E00

■ 698E1A

■ 6D8E28

■ 728E37

■ 768E45

■ 7B8E53

■ 808E61

■ 848E6F

■ 898E7E

■ 8D8E8C

Harmonies

Analogous

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



9B7F00



648E0C



009747

Triad

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



648E0C



0095E1



E14784

Complementary

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



648E0C



360C8E

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.



C358BA



648E0C



0088F1

Square

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



648E0C



009AB7



7E73E2



DF504E

Rectangle

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



648E0C



009A6C



7E73E2



DB4A96

Sweetspot

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



648E0C



A8B886



8E350C



525C3E



DBDBDB



5C5C5C

Same Dimension

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



648E0C



7CB800



248E0C



454740



5B8700



050800

Inverse Universe

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



360C8E



3B00B8



760C8E



434047



2C0087



020008

Previews

White Background



This preview shows how the Hex color 648E0C looks on a white background.

Color Contrast Check

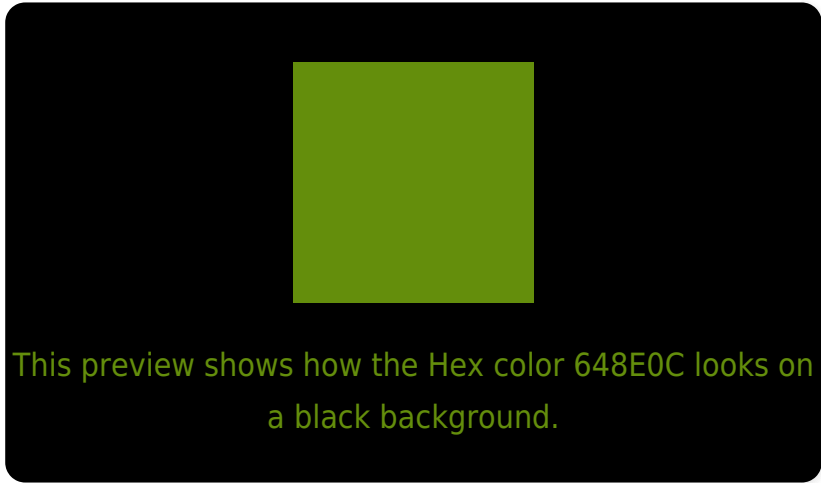
Large Text (above 18pt) WCAG AA ✓ Pass

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 648E0C Background



This preview shows how black text looks on a background with the Hex color 648E0C.

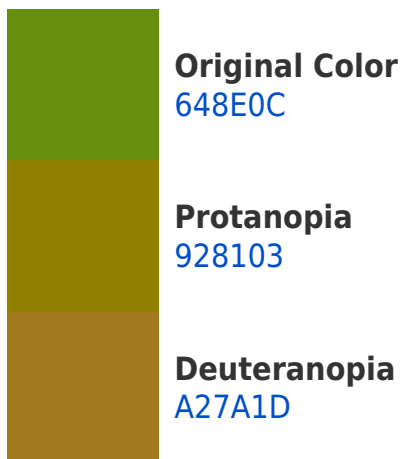


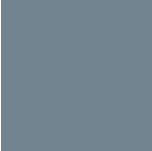
This preview shows how white text looks on a background with the Hex color 648E0C.

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





Tritanopia
72848F

Trichromacy



Original Color
648E0C

Protanomaly
818606

Deuteranomaly
8B8117

Tritanomaly
6D885F

Monochromacy



Original Color
648E0C

Achromatopsia
737373

Achromatomaly
6E7D4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 648E0C 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 #648E0C looks like.

```
.text, #text, p{  
    color:#648E0C  
}
```

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 #648E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648E0C
}
```

Border

The CSS property to change the border of an element to Hex 648E0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

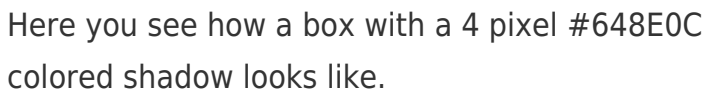
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#648E0C }
```

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

```
.border{ border-color:#648E0C }
```

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



Here you see how a box with a 4 pixel #648E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648E0C; -webkit-box-shadow:4px 4px  
4px 4px #648E0C; box-shadow:4px 4px 4px  
4px #648E0C }
```

Background

The CSS property to change the background color of an element to Hex 648E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648E0C }
```

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

```
.background{ background-color:#648E0C }
```

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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