

Converting Colors

Hex(6D8E0E)

Have a look what the booklet for
Hex(6D8E0E) contains.

Hex(6D8E0E)	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(6D8E0E)

Conversions

Conversions Part 1

Format	Color
Hex	6D8E0E
RGB	109, 142, 14
RGB Percent	43%, 56%, 5%
CMY	0.5725, 0.4431, 0.9451
CMYK	0.23, 0.00, 0.90, 0.44
HSL	75°, 82%, 31%
HSV	75°, 90%, 56%
XYZ	16.0589, 22.6289, 3.9369
YIQ	117.5410, 21.4200, -46.8040

Conversions

Conversions Part 2

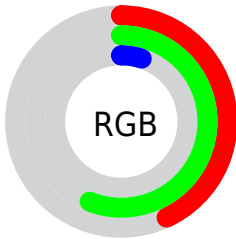
Format	Color
RYB	14, 142, 47
Decimal	7179790
CIELab	54.69, -28.27, 55.74
CIELCh	55, 62.502, 116.896
Yxy	22.6289, 0.3768, 0.5309
Android (android.graphics.Color)	4285369870 (0xFF6D8E0E)
YUV	117.5410, -51.0457, -7.4905
Hunter-Lab	47.5699, -22.9881, 28.3921

Details

The Hex color **6D8E0E** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2F0E8E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **A4C44A**, and **385C00** is the 20% darker color. If you saturate the color by 10%, you get **698E00**, and if you desaturate by 10%, it is **718E1C**.

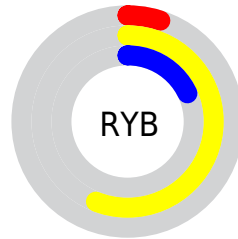
Distribution



Red (43%)

Green (56%)

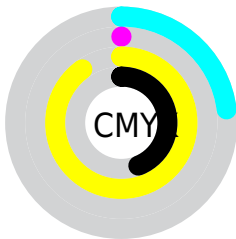
Blue (5%)



Red (5%)

Yellow (56%)

Blue (18%)

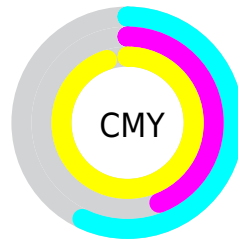


Cyan (23%)

Magenta (0%)

Yellow (90%)

Black (44%)



Cyan (57%)

Magenta (44%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8E0E 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 6D8E0E by changing the saturation by 10% instead.



6D8E0E



6D8E0E

FFFFFF



527400



A4C44A



385C00



C0E065



1D4400



DDFC80



002D00



FBFF9B



001900



FFFFB7



000000



FFFFD4



FFFFF1



6D8E0E



6D8E0E

■ 698E00

■ 718E1C

■ 748E2A

■ 788E39

■ 7C8E47

■ 7F8E55

■ 838E63

■ 878E71

■ 8A8E80

■ 8E8E8E

Harmonies

Analogous

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



A17E00



6D8E0E



079744

Triad

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



6D8E0E



0097DD



DF4B8B

Complementary

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



6D8E0E



2F0E8E

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.



BE5DBF



6D8E0E



008BEF

Square

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



6D8E0E



009BB2



7677E4



E15255

Rectangle

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



6D8E0E



009A68



7677E4



D84F9D

Sweetspot

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



6D8E0E



ABB886



8E2E0E



545C3E



DBDBDB



5C5C5C

Same Dimension

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



6D8E0E



88B800



2E8E0E



464740



648700



060800

Inverse Universe

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



2F0E8E



2F00B8



6E0E8E



424047



230087



020008

Previews

White Background



This preview shows how the Hex color 6D8E0E looks on a white background.

Color Contrast Check

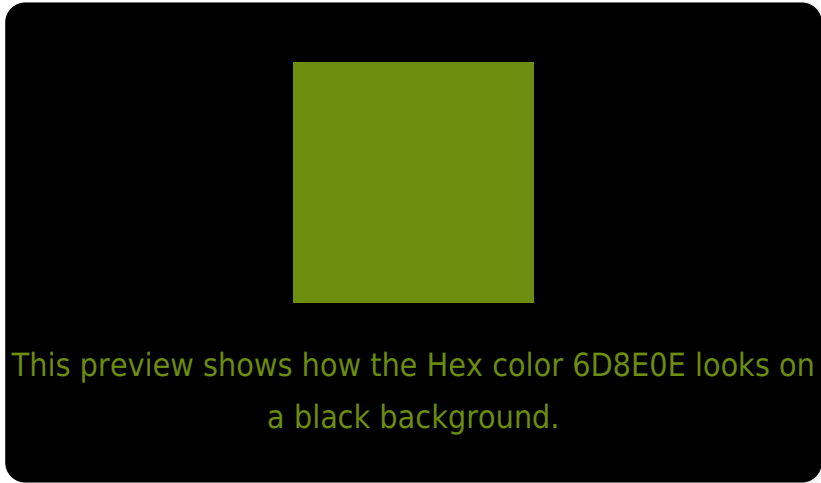
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D8E0E Background



This preview shows how black text looks on a background with the Hex color 6D8E0E.



This preview shows how white text looks on a background with the Hex color 6D8E0E.

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](#).

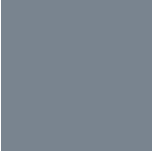
Dichromacy



Original Color
6D8E0E

Protanopia
938309

Deuteranopia
A47C1D



Tritanopia
79848F

Trichromacy



Original Color
6D8E0E

Protanomaly
85870B

Deuteranomaly
908318

Tritanomaly
758860

Monochromacy



Original Color
6D8E0E

Achromatopsia
767676

Achromatomaly
737F50

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8E0E 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 #6D8E0E looks like.

```
.text, #text, p{  
    color:#6D8E0E  
}
```

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 #6D8E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8E0E
}
```

Border

The CSS property to change the border of an element to Hex 6D8E0E 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
#6D8E0E }
```

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

```
.border{ border-color:#6D8E0E }
```

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

Here you see how a box with a 4 pixel #6D8E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8E0E; -webkit-box-shadow:4px 4px  
4px 4px #6D8E0E; box-shadow:4px 4px 4px  
4px #6D8E0E }
```

Background

The CSS property to change the background color of an element to Hex 6D8E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8E0E }
```

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

```
.background{ background-color:#6D8E0E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor