

# Converting Colors

Hex(6F850B)

Have a look what the booklet for  
Hex(6F850B) contains.

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**Color**

**Hex(6F850B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F850B
RGB	111, 133, 11
RGB Percent	44%, 52%, 4%
CMY	0.5647, 0.4784, 0.9569
CMYK	0.17, 0.00, 0.92, 0.48
HSL	71°, 85%, 28%
HSV	71°, 92%, 52%
XYZ	15.0035, 20.1787, 3.4207
YIQ	112.5140, 26.0500, -42.6060

# Conversions

## Conversions Part 2

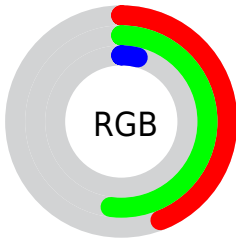
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	11, 133, 33
Decimal	7308555
CIE <sub>Lab</sub>	52.04, -23.05, 54.20
CIE <sub>LCh</sub>	52, 58.897, 113.037
Yxy	20.1787, 0.3887, 0.5227
Android (android.graphics.Color)	4285498635 (0xFF6F850B)
YUV	112.5140, -50.0464, -1.3278
Hunter-Lab	44.9207, -18.9925, 26.9296

# Details

The Hex color **6F850B** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **210B85**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A6BA47**, and **3B5300** is the 20% darker color. If you saturate the color by 10%, you get **6D8500**, and if you desaturate by 10%, it is **718518**.

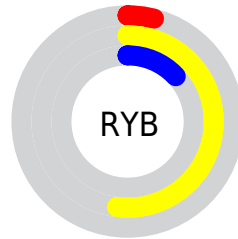
# Distribution



Red (44%)

Green (52%)

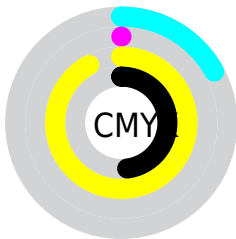
Blue (4%)



Red (4%)

Yellow (52%)

Blue (13%)

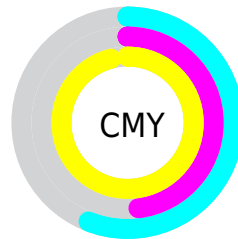


Cyan (17%)

Magenta (0%)

Yellow (92%)

Black (48%)



Cyan (56%)

Magenta (48%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F850B 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 6F850B by changing the saturation by 10% instead.





6F850B



6F850B

FFFFFF



546C00



A6BA47



3B5300



C2D662



203C00



DFF27D



042600



FDF998



000E00



FFFFB3



000000



FFFFD0



FFFFED



6F850B



6F850B

■ 6D8500

■ 718518

■ 748526

■ 768533

■ 798540

■ 7B854E

■ 7D855B

■ 808568

■ 828575

■ 858583

# Harmonies

## Analogous

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



9E7600



6F850B



278E3B

# Triad

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



6F850B



0090CC



D04A8A

# Complementary

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



6F850B



210B85

# 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.



AD5CB9



6F850B



0086E1

# Square

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



6F850B



0093A2



6474DA



D54D58

# Rectangle

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



6F850B



00925D



6474DA



C84F9B



# Sweetspot

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



6F850B



A5AD7D



851F0B



515739



D6D6D6



575757



# Same Dimension

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



6F850B



8EAD00



34850B



41423C



6B8200



020300



# Inverse Universe

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



210B85



1F00AD



5C0B85



3D3C42



170082



000003



# Previews

## White Background



This preview shows how the Hex color 6F850B looks on a white background.

## Color Contrast Check

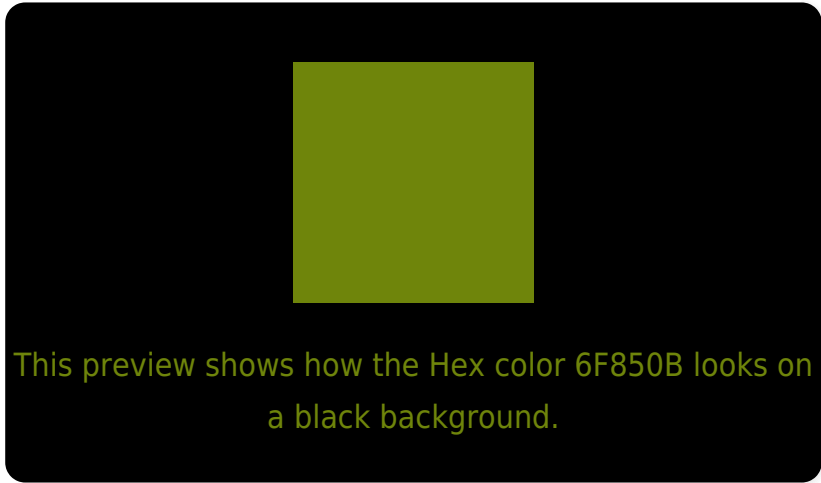
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F850B Background



This preview shows how black text looks on a background with the Hex color 6F850B.



This preview shows how white text looks on a background with the Hex color 6F850B.

# 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**  
6F850B

**Protanopia**  
8C7C06

**Deuteranopia**  
9C7619



**Tritanopia**  
7A7C85

# Trichromacy



**Original Color**  
6F850B

**Protanomaly**  
817F08

**Deuteranomaly**  
8C7B14

**Tritanomaly**  
767F59

# Monochromacy



**Original Color**  
6F850B

**Achromatopsia**  
717171

**Achromatomaly**  
70784C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F850B 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 #6F850B looks like.

```
.text, #text, p{  
    color:#6F850B  
}
```

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 #6F850B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F850B
}
```

## Border

The CSS property to change the border of an element to Hex 6F850B 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
#6F850B }
```

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

```
.border{ border-color:#6F850B }
```

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

Here you see how a box with a 4 pixel #6F850B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F850B; -webkit-box-shadow:4px 4px  
4px 4px #6F850B; box-shadow:4px 4px 4px  
4px #6F850B }
```

# Background

The CSS property to change the background color of an element to Hex 6F850B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F850B }
```

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

```
.background{ background-color:#6F850B }
```

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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