

Converting Colors

Hex(67850B)

Have a look what the booklet for
Hex(67850B) contains.

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Color

Hex(67850B)

Conversions

Conversions Part 1

Format	Color
Hex	67850B
RGB	103, 133, 11
RGB Percent	40%, 52%, 4%
CMY	0.5961, 0.4784, 0.9569
CMYK	0.23, 0.00, 0.92, 0.48
HSL	75°, 85%, 28%
HSV	75°, 92%, 52%
XYZ	14.0415, 19.6828, 3.3757
YIQ	110.1220, 21.2820, -44.3020

Conversions

Conversions Part 2

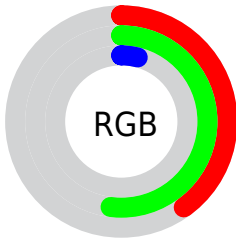
Format	Color
R_{YB}	11, 133, 41
Decimal	6784267
CIE _{Lab}	51.48, -26.53, 53.51
CIE _{LCh}	51, 59.725, 116.371
Yxy	19.6828, 0.3785, 0.5305
Android (android.graphics.Color)	4284974347 (0xFF67850B)
YUV	110.1220, -48.8671, -6.2460
Hunter-Lab	44.3653, -21.1446, 26.5444

Details

The Hex color **67850B** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **290B85**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **9DBA47**, and **335300** is the 20% darker color. If you saturate the color by 10%, you get **648500**, and if you desaturate by 10%, it is **6A8518**.

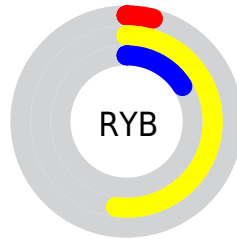
Distribution



Red (40%)

Green (52%)

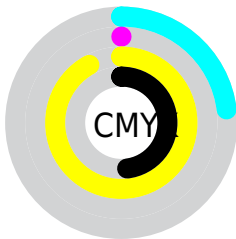
Blue (4%)



Red (4%)

Yellow (52%)

Blue (16%)

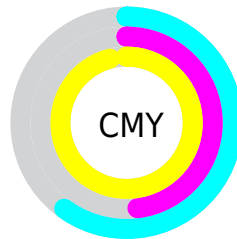


Cyan (23%)

Magenta (0%)

Yellow (92%)

Black (48%)



Cyan (60%)

Magenta (48%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67850B 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 67850B by changing the saturation by 10% instead.



67850B



67850B

FFFFFF



4D6C00



9DBA47



335300



BAD662



173C00



D6F27C



002600



F4FF97



000A00



FFFFB3



000000



FFFFCF



FFF FEC



67850B



67850B

■ 648500

■ 6A8518

■ 6E8526

■ 718533

■ 748540

■ 77854E

■ 7B855B

■ 7E8568

■ 818575

■ 848583

Harmonies

Analogous

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



987600



67850B



0C8E3E

Triad

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



67850B



008ECF



D14683

Complementary

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



67850B



290B85

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.



B258B4



67850B



0083E1

Square

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



67850B



0092A7



6D70D7



D34C51

Rectangle

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



67850B



009161



6D70D7



CA4A94

Sweetspot

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



67850B



A1AD7D



85270B



4F5739



D6D6D6



575757

Same Dimension

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



67850B



83AD00



2C850B



41423C



628200



020300

Inverse Universe

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



290B85



2B00AD



640B85



3D3C42



200082



010003

Previews

White Background



This preview shows how the Hex color 67850B looks on a white background.

Color Contrast Check

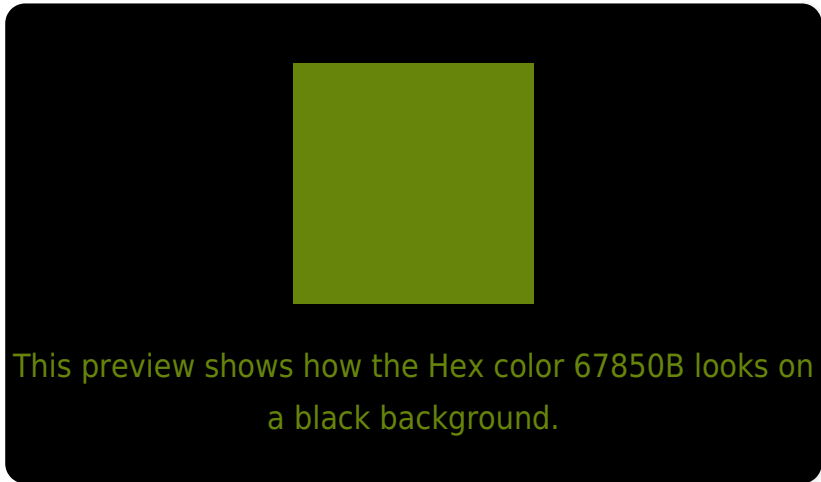
Large Text (above 18pt) WCAG AA ✓ Pass

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 67850B Background



This preview shows how black text looks on a background with the Hex color 67850B.



This preview shows how white text looks on a background with the Hex color 67850B.

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
67850B

Protanopia
8A7B04

Deuteranopia
9A741A



Tritanopia
727C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67850B 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 #67850B looks like.

```
.text, #text, p{  
    color:#67850B  
}
```

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 #67850B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67850B
}
```

Border

The CSS property to change the border of an element to Hex 67850B 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
#67850B }
```

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

```
.border{ border-color:#67850B }
```

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

Here you see how a box with a 4 pixel #67850B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67850B; -webkit-box-shadow:4px 4px  
4px 4px #67850B; box-shadow:4px 4px 4px  
4px #67850B }
```

Background

The CSS property to change the background color of an element to Hex 67850B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67850B }
```

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

```
.background{ background-color:#67850B }
```

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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