

Converting Colors

Hex(0B8012)

Have a look what the booklet for
Hex(0B8012) contains.

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Color

Hex(0B8012)

Conversions

Conversions Part 1

Format	Color
Hex	0B8012
RGB	11, 128, 18
RGB Percent	4%, 50%, 7%
CMY	0.9569, 0.4980, 0.9294
CMYK	0.91, 0.00, 0.86, 0.50
HSL	124°, 84%, 27%
HSV	124°, 91%, 50%
XYZ	7.9664, 15.5532, 3.1545
YIQ	80.4770, -34.4220, -59.0140

Conversions

Conversions Part 2

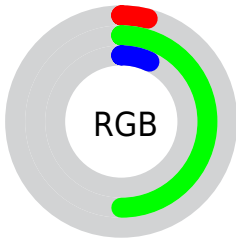
Format	Color
R_{YB}	11, 121, 128
Decimal	753682
CIE Lab	46.38, -50.08, 46.13
CIE LCh	46, 68.085, 137.348
Yxy	15.5532, 0.2987, 0.5831
Android (android.graphics.Color)	4278943762 (0xFF0B8012)
YUV	80.4770, -30.8012, -60.9313
Hunter-Lab	39.4375, -32.9587, 22.8639

Details

The Hex color **0B8012** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **800B79**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **54B649**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **008008**, and if you desaturate by 10%, it is **18801E**.

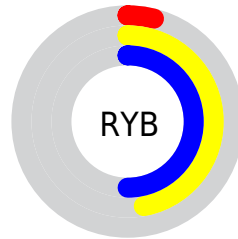
Distribution



Red (4%)

Green (50%)

Blue (7%)



Red (4%)

Yellow (47%)

Blue (50%)

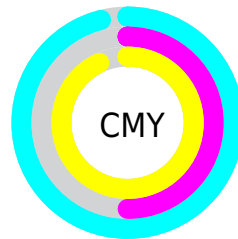


Cyan (91%)

Magenta (0%)

Yellow (86%)

Black (50%)



Cyan (96%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B8012 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 0B8012 by changing the saturation by 10% instead.



0B8012



0B8012

FFFFFF



006600



54B649



004D00



71D262



003500



8DEF7D



001E00



AFF98



000000



C7FB3



E5FCF



FFFEC



0B8012



0B8012

■ 008008

■ 18801E

■ 25802A

■ 318036

■ 3E8042

■ 4B804E

■ 58805A

■ 658066

■ 718072

■ 7E807E

Harmonies

Analogous

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



667500



0B8012



008553

Triad

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



0B8012



007CDE



D02850

Complementary

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



0B8012



800B79

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.



C62B89



0B8012



1669DC

Square

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



0B8012



0084C2



984CBC



BF4717

Rectangle

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



0B8012



00877B



984CBC



D02362

Sweetspot

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



0B8012



79A67C



7A800B



39543B



D4D4D4



545454

Same Dimension

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



0B8012



00A60A



0B804B



39403A



008008



000000

Inverse Universe

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



800B79



A6009C



800B40



40393F



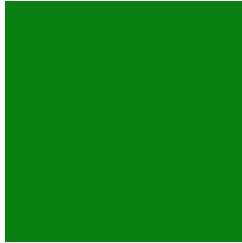
800078



000000

Previews

White Background



This preview shows how the Hex color 0B8012 looks on a white background.

Color Contrast Check

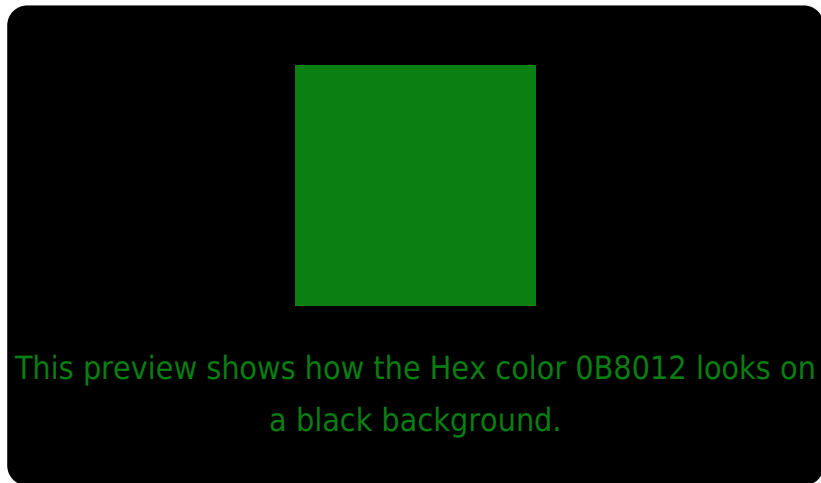
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B8012 Background



This preview shows how black text looks on a background with the Hex color 0B8012.



This preview shows how white text looks on a background with the Hex color 0B8012.

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
0B8012

Protanopia
7B6E0C

Deuteranopia
896820



Tritanopia
367781

Trichromacy



Original Color
0B8012



Protanomaly
52750E



Deuteranomaly
5B711B



Tritanomaly
267A59

Monochromacy



Original Color
0B8012



Achromatopsia
505050



Achromatomaly
376139

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B8012 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 #0B8012 looks like.

```
.text, #text, p{  
    color:#0B8012  
}
```

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 #0B8012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B8012
}
```

Border

The CSS property to change the border of an element to Hex 0B8012 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
#0B8012 }
```

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

```
.border{ border-color:#0B8012 }
```

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

Here you see how a box with a 4 pixel #0B8012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B8012; -webkit-box-shadow:4px 4px  
4px 4px #0B8012; box-shadow:4px 4px 4px  
4px #0B8012 }
```

Background

The CSS property to change the background color of an element to Hex 0B8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B8012 }
```

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

```
.background{ background-color:#0B8012 }
```

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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