

Converting Colors

Hex(06B826)

Have a look what the booklet for
Hex(06B826) contains.

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Color

Hex(06B826)

Conversions

Conversions Part 1

Format	Color
Hex	06B826
RGB	6, 184, 38
RGB Percent	2%, 72%, 15%
CMY	0.9765, 0.2784, 0.8510
CMYK	0.97, 0.00, 0.79, 0.28
HSL	131°, 94%, 37%
HSV	131°, 97%, 72%
XYZ	17.5654, 34.4596, 7.5593
YIQ	114.1340, -59.2220, -83.1420

Conversions

Conversions Part 2

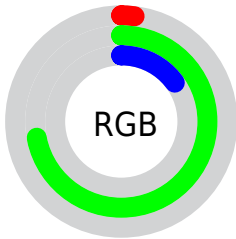
Format	Color
RYB	6, 157, 184
Decimal	440358
CIELab	65.33, -65.74, 58.02
CIELCh	65, 87.680, 138.571
Yxy	34.4596, 0.2948, 0.5783
Android (android.graphics.Color)	4278630438 (0xFF06B826)
YUV	114.1340, -37.5341, -94.8335
Hunter-Lab	58.7023, -49.3167, 33.4567

Details

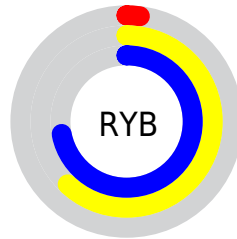
The Hex color **06B826** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B80698**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **63F15F**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **00B821**, and if you desaturate by 10%, it is **18B835**.

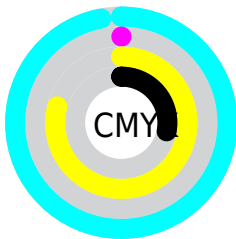
Distribution



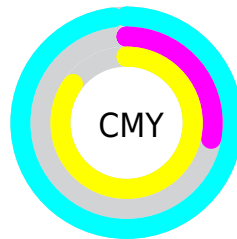
- Red (2%)
- Green (72%)
- Blue (15%)



- Red (2%)
- Yellow (62%)
- Blue (72%)



- Cyan (97%)
- Magenta (0%)
- Yellow (79%)
- Black (28%)



- Cyan (98%)
- Magenta (28%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B826 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 06B826 by changing the saturation by 10% instead.

 06B826

 06B826

FFFFFF

 009C00

 63F15F

 008100

 83FF7A

 006700

 A2FF96

 004D00

 C1FFB2

 003600

 DFFFCE

 001B00

 FEFFEB

 000000

 06B826

 06B826

 00B821

 18B835

 2BB844

 3DB853

 50B862

 62B871

 74B881

 87B890

 99B89F

 ACB8AE

Harmonies

Analogous

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



91AA00



06B826



00BF7D

Triad

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



06B826



00B1FF



FF4172

Complementary

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



06B826



B80698

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.



FF43C0



06B826



3F97FF

Square

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



06B826



00BDFE



DC6FFF



FF6B24

Rectangle

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



06B826



00C1B4



DC6FFF



FF3A8C

Sweetspot

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



06B826



AAF0B7



9AB806



4E7855



F7F7F7



787878

Same Dimension

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



06B826



00F02B



06B87D



535C54



009C1C



001C05

Inverse Universe

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



B80698



F000C5



B80641



5C535A



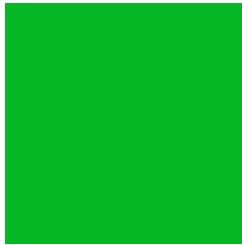
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 06B826 looks on a white background.

Color Contrast Check

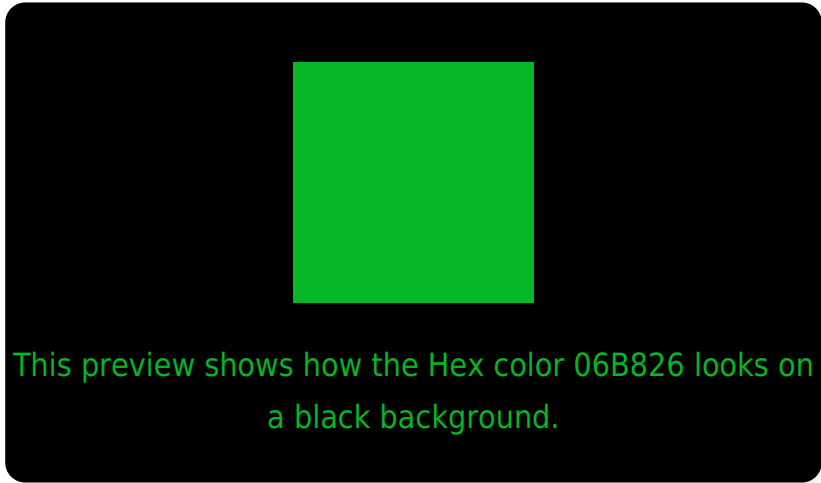
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 06B826 Background



This preview shows how black text looks on a background with the Hex color 06B826.

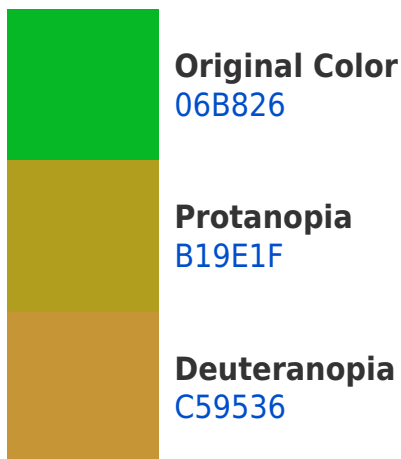


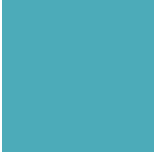
This preview shows how white text looks on a background with the Hex color 06B826.

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
4CABB9

Trichromacy



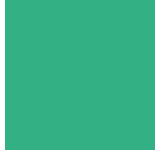
Original Color
06B826



Protanomaly
73A722



Deuteranomaly
80A230



Tritanomaly
33B084

Monochromacy



Original Color
06B826



Achromatopsia
727272



Achromatomaly
4B8B56

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B826 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 #06B826 looks like.

```
.text, #text, p{  
    color:#06B826  
}
```

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 #06B826 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B826
}
```

Border

The CSS property to change the border of an element to Hex 06B826 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
#06B826 }
```

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

```
.border{ border-color:#06B826 }
```

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

Here you see how a box with a 4 pixel #06B826 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B826; -webkit-box-shadow:4px 4px  
4px 4px #06B826; box-shadow:4px 4px 4px  
4px #06B826 }
```

Background

The CSS property to change the background color of an element to Hex 06B826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B826 }
```

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

```
.background{ background-color:#06B826 }
```

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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