

Converting Colors

Hex(06B710)

Have a look what the booklet for
Hex(06B710) contains.

Hex(06B710)	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(06B710)

Conversions

Conversions Part 1

Format	Color
Hex	06B710
RGB	6, 183, 16
RGB Percent	2%, 72%, 6%
CMY	0.9765, 0.2824, 0.9373
CMYK	0.97, 0.00, 0.91, 0.28
HSL	123°, 94%, 37%
HSV	123°, 97%, 72%
XYZ	17.1021, 33.9431, 6.1405
YIQ	111.0390, -51.8850, -89.4610

Conversions

Conversions Part 2

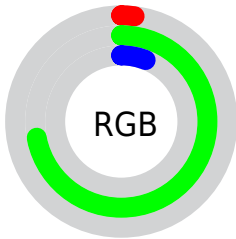
Format	Color
RYB	6, 174, 183
Decimal	440080
CIELab	64.92, -66.51, 62.82
CIELCh	65, 91.481, 136.634
Yxy	33.9431, 0.2991, 0.5936
Android (android.graphics.Color)	4278630160 (0xFF06B710)
YUV	111.0390, -46.8542, -92.1192
Hunter-Lab	58.2607, -49.5585, 34.5335

Details

The Hex color **06B710** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **B706AD**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **64F052**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **00B70A**, and if you desaturate by 10%, it is **18B721**.

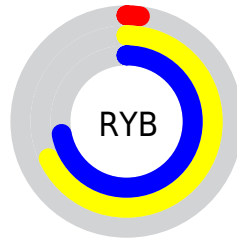
Distribution



Red (2%)

Green (72%)

Blue (6%)



Red (2%)

Yellow (68%)

Blue (72%)

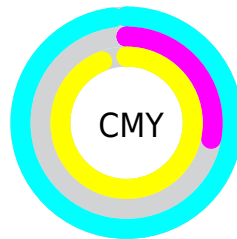


Cyan (97%)

Magenta (0%)

Yellow (91%)

Black (28%)



Cyan (98%)

Magenta (28%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B710 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 06B710 by changing the saturation by 10% instead.

 06B710

 06B710

FFFFFF

 009B00

 64F052

 008000

 84FF6E

 006600

 A3FF8A

 004C00

 C1FFA6

 003500

 E0FFC2

 001A00

 FFFFDF

 000000

 FFFFFD

 06B710

 06B710

■ 00B70A

■ 18B721

■ 2BB733

■ 3DB744

■ 4FB755

■ 62B766

■ 74B778

■ 86B789

■ 98B79A

■ ABB7AB

Harmonies

Analogous

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



94A800



06B710



00BE75

Triad

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



06B710



00B2FF



FF3274

Complementary

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



06B710



B706AD

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.



FF3AC6



06B710



0098FF

Square

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



06B710



00BEFF



D76EFF



FF6322

Rectangle

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



06B710



00C0AE



D76EFF



FF2A8F

Sweetspot

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



06B710



A8EDAC



AEB706



4E7850



F7F7F7



787878

Same Dimension

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



06B710



00ED0D



06B767



535C53



009C09



001C02

Inverse Universe

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



B706AD



ED00E0



B70656



5C535B



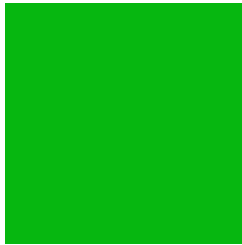
9C0093



1C001A

Previews

White Background



This preview shows how the Hex color 06B710 looks on a white background.

Color Contrast Check

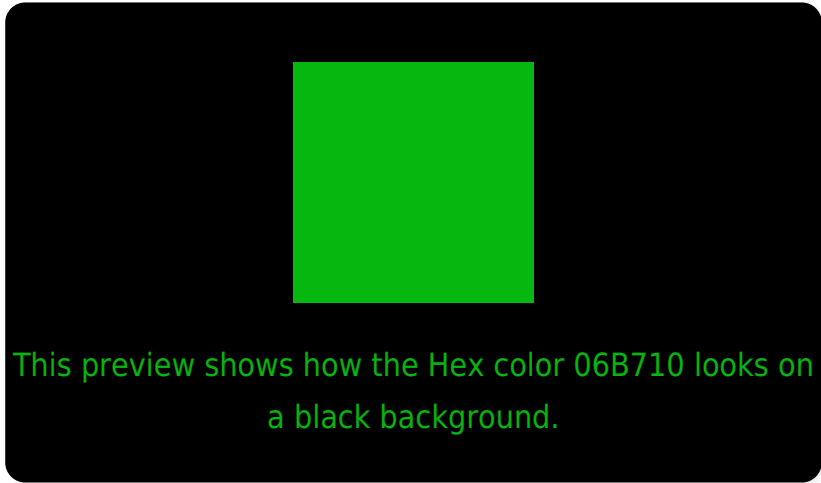
Large Text (above 18pt) WCAG AA × Fail

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 06B710 Background



This preview shows how black text looks on a background with the Hex color 06B710.

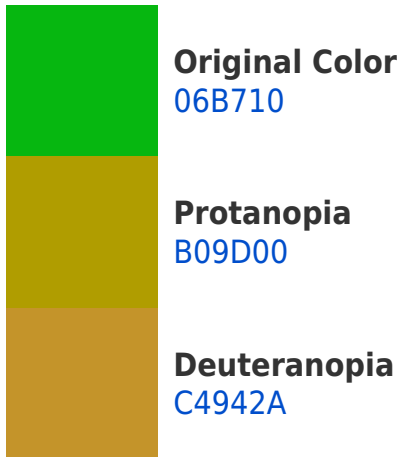


This preview shows how white text looks on a background with the Hex color 06B710.

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
4DAAB8

Trichromacy



Original Color
06B710



Protanomaly
72A606



Deuteranomaly
7FA121



Tritanomaly
33AF7B

Monochromacy



Original Color
06B710



Achromatopsia
6F6F6F



Achromatomaly
49894C

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B710 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 #06B710 looks like.

```
.text, #text, p{  
    color:#06B710  
}
```

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 #06B710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B710
}
```

Border

The CSS property to change the border of an element to Hex 06B710 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
#06B710 }
```

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

```
.border{ border-color:#06B710 }
```

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

Here you see how a box with a 4 pixel #06B710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B710; -webkit-box-shadow:4px 4px  
4px 4px #06B710; box-shadow:4px 4px 4px  
4px #06B710 }
```

Background

The CSS property to change the background color of an element to Hex 06B710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B710 }
```

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

```
.background{ background-color:#06B710 }
```

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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