

Converting Colors

Hex(06B672)

Have a look what the booklet for
Hex(06B672) contains.

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Color

Hex(06B672)

Conversions

Conversions Part 1

Format	Color
Hex	06B672
RGB	6, 182, 114
RGB Percent	2%, 71%, 45%
CMY	0.9765, 0.2863, 0.5529
CMYK	0.97, 0.00, 0.37, 0.29
HSL	157°, 94%, 37%
HSV	157°, 97%, 71%
XYZ	19.8403, 34.7095, 21.5735
YIQ	121.6240, -83.0680, -58.4600

Conversions

Conversions Part 2

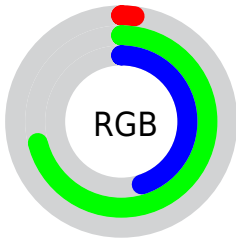
Format	Color
RYB	6, 115, 182
Decimal	439922
CIELab	65.52, -54.79, 23.96
CIELCh	66, 59.796, 156.379
Yxy	34.7095, 0.2606, 0.4560
Android (android.graphics.Color)	4278630002 (0xFF06B672)
YUV	121.6240, -3.7586, -101.4022
Hunter-Lab	58.9148, -42.9887, 19.5294

Details

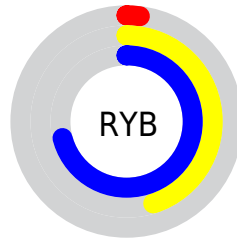
The Hex color **06B672** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **B6064A**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **60EFA6**, and **008041** is the 20% darker color. If you saturate the color by 10%, you get **00B670**, and if you desaturate by 10%, it is **18B679**.

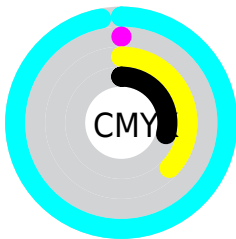
Distribution



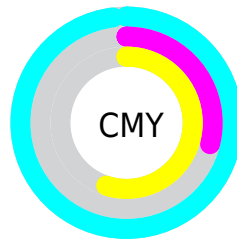
- Red (2%)
- Green (71%)
- Blue (45%)



- Red (2%)
- Yellow (45%)
- Blue (71%)



- Cyan (97%)
- Magenta (0%)
- Yellow (37%)
- Black (29%)



- Cyan (98%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 06B672 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 06B672 by changing the saturation by 10% instead.

 06B672

 06B672

FFFFFF

 009A59

 60EFA6

 008041

 80FFC2

 00652A

 9EFFDE

 004C14

 BCFFFA

 003400

 DAFFFF

 001C00

 F9FFFF

 000000

 06B672

 06B672

 00B670

 18B679

 2AB680

 3DB687

 4FB68E

 61B695

 73B69C

 85B6A3

 98B6AA

 AAB6B1

Harmonies

Analogous

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



79AE43



06B672



00B9A9

Triad

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



06B672



42A1FF



FA7862

Complementary

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



06B672



B6064A

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.



FF6D96



06B672



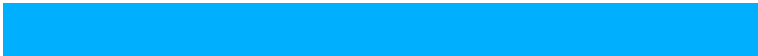
B18CF6

Square

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



06B672



00B0FF



E976CB



DD8D3A

Rectangle

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



06B672



00B9CD



E976CB



FF7373

Sweetspot

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



06B672



A8EDD3



4CB606



4E7868



F7F7F7



787878

Same Dimension

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



06B672



00ED92



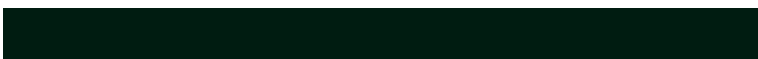
06A4B6



535C58



009C5F



001C11

Inverse Universe

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



B6064A



ED005C



B61806



5C5356



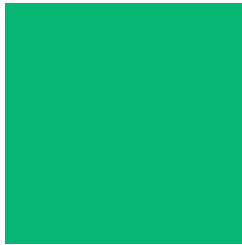
9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 06B672 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



This preview shows how the Hex color 06B672 looks on a 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 06B672 Background



This preview shows how black text looks on a background with the Hex color 06B672.



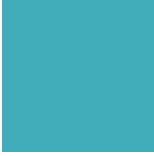
This preview shows how white text looks on a background with the Hex color 06B672.

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
41ADBB

Trichromacy



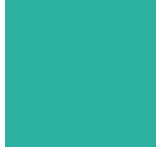
Original Color
06B672



Protanomaly
6FA76C



Deuteranomaly
78A276



Tritanomaly
2CB0A0

Monochromacy



Original Color
06B672



Achromatopsia
7A7A7A



Achromatomaly
509077

CSS Examples

Text

The CSS property to change the color of the text to Hex 06B672 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 #06B672 looks like.

```
.text, #text, p{  
    color:#06B672  
}
```

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 #06B672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06B672
}
```

Border

The CSS property to change the border of an element to Hex 06B672 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
#06B672 }
```

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

```
.border{ border-color:#06B672 }
```

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

Here you see how a box with a 4 pixel #06B672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06B672; -webkit-box-shadow:4px 4px  
4px 4px #06B672; box-shadow:4px 4px 4px  
4px #06B672 }
```

Background

The CSS property to change the background color of an element to Hex 06B672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06B672 }
```

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

```
.background{ background-color:#06B672 }
```

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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