

Converting Colors

Hex(0AB64D)

Have a look what the booklet for
Hex(0AB64D) contains.

Hex(0AB64D)	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(0AB64D)

Conversions

Conversions Part 1

Format	Color
Hex	0AB64D
RGB	10, 182, 77
RGB Percent	4%, 71%, 30%
CMY	0.9608, 0.2863, 0.6980
CMYK	0.95, 0.00, 0.58, 0.29
HSL	143°, 90%, 38%
HSV	143°, 95%, 71%
XYZ	18.1927, 34.0562, 12.6358
YIQ	118.6020, -68.8070, -69.1190

Conversions

Conversions Part 2

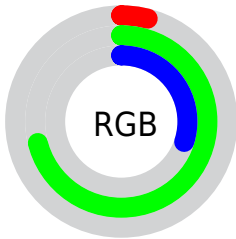
Format	Color
RYB	10, 134, 182
Decimal	702029
CIELab	65.01, -61.02, 42.11
CIELCh	65, 74.139, 145.386
Yxy	34.0562, 0.2804, 0.5249
Android (android.graphics.Color)	4278892109 (0xFF0AB64D)
YUV	118.6020, -20.5098, -95.2440
Hunter-Lab	58.3577, -46.4797, 28.0127

Details

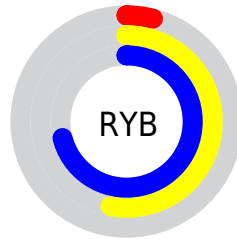
The Hex color **0AB64D** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B60A73**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62EF81**, and **007F19** is the 20% darker color. If you saturate the color by 10%, you get **00B647**, and if you desaturate by 10%, it is **1CB658**.

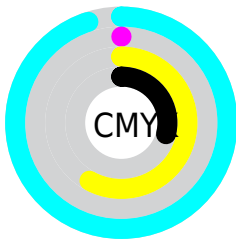
Distribution



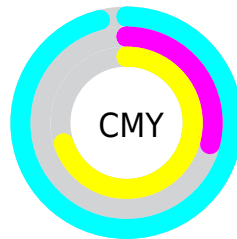
- Red (4%)
- Green (71%)
- Blue (30%)



- Red (4%)
- Yellow (53%)
- Blue (71%)



- Cyan (95%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)



- Cyan (96%)
- Magenta (29%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AB64D 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 0AB64D by changing the saturation by 10% instead.

 0AB64D

 0AB64D

FFFFFF

 009A34

 62EF81

 007F19

 81FF9C

 006500

 9FFFB7

 004C00

 BEFFD3

 003400

 DCFFF0

 001A00

 FBFFFF

 000000

 0AB64D

 0AB64D

 00B647

 1CB658

 2EB663

 41B66E

 53B679

 65B685

 77B690

 89B69B

 9CB6A6

 AEB6B1

Harmonies

Analogous

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



86AB00



0AB64D



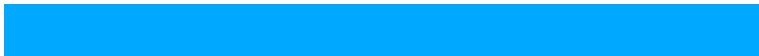
00BB91

Triad

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



0AB64D



00A9FF



FF5F69

Complementary

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



0AB64D



B60A73

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.



FF58AB



0AB64D



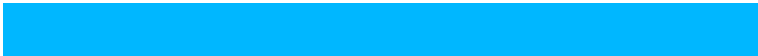
8691FF

Square

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



0AB64D



00B7FF



E371EA



F67C2D

Rectangle

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



0AB64D



00BCBF



E371EA



FF597F

Sweetspot

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



0AB64D



ABEDC5



74B60A



4F785F



F7F7F7



787878

Same Dimension

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



0AB64D



00ED5C



0AB6A2



535C56



009C3D



001C0B

Inverse Universe

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



B60A73



ED0091



B60A1E



5C5358



9C005F



1C0011

Previews

White Background



This preview shows how the Hex color 0AB64D 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 0AB64D 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 0AB64D Background



This preview shows how black text looks on a background with the Hex color 0AB64D.

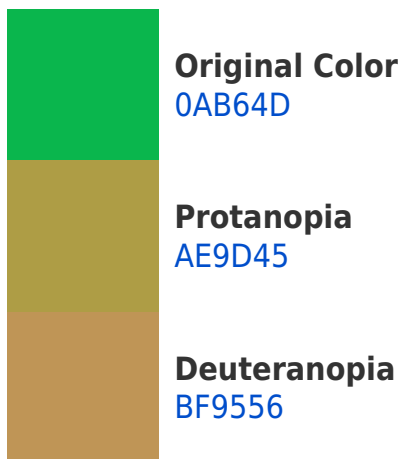


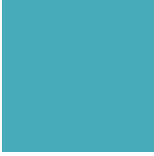
This preview shows how white text looks on a background with the Hex color 0AB64D.

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
48ABB9

Trichromacy



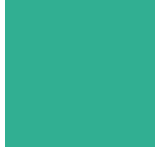
Original Color
0AB64D



Protanomaly
72A648



Deuteranomaly
7DA153



Tritanomaly
31AF92

Monochromacy



Original Color
0AB64D



Achromatopsia
777777



Achromatomaly
4F8E68

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AB64D 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 #0AB64D looks like.

```
.text, #text, p{  
    color:#0AB64D  
}
```

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 #0AB64D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AB64D
}
```

Border

The CSS property to change the border of an element to Hex 0AB64D 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
#0AB64D }
```

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

```
.border{ border-color:#0AB64D }
```

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

Here you see how a box with a 4 pixel #0AB64D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AB64D; -webkit-box-shadow:4px 4px  
4px 4px #0AB64D; box-shadow:4px 4px 4px  
4px #0AB64D }
```

Background

The CSS property to change the background color of an element to Hex 0AB64D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AB64D }
```

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

```
.background{ background-color:#0AB64D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor