

Converting Colors

Hex(0AB016)

Have a look what the booklet for
Hex(0AB016) contains.

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Color

Hex(0AB016)

Conversions

Conversions Part 1

Format	Color
Hex	0AB016
RGB	10, 176, 22
RGB Percent	4%, 69%, 9%
CMY	0.9608, 0.3098, 0.9137
CMYK	0.94, 0.00, 0.88, 0.31
HSL	124°, 89%, 36%
HSV	124°, 94%, 69%
XYZ	15.7953, 31.1731, 5.9436
YIQ	108.8100, -49.5020, -83.0860

Conversions

Conversions Part 2

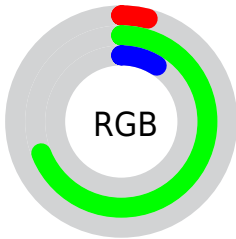
Format	Color
RYB	10, 165, 176
Decimal	700438
CIELab	62.65, -64.13, 59.74
CIElCh	63, 87.644, 137.029
Yxy	31.1731, 0.2985, 0.5892
Android (android.graphics.Color)	4278890518 (0xFF0AB016)
YUV	108.8100, -42.7973, -86.6564
Hunter-Lab	55.8329, -47.2093, 32.7714

Details

The Hex color **0AB016** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **B00AA4**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **63E954**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **00B00D**, and if you desaturate by 10%, it is **1CB026**.

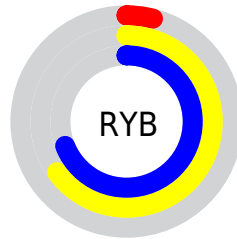
Distribution



Red (4%)

Green (69%)

Blue (9%)



Red (4%)

Yellow (65%)

Blue (69%)

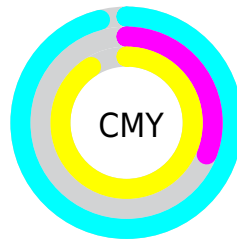


Cyan (94%)

Magenta (0%)

Yellow (88%)

Black (31%)



Cyan (96%)

Magenta (31%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0AB016 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 0AB016 by changing the saturation by 10% instead.

 0AB016

 0AB016

FFFFFF

 009400

 63E954

 007A00

 82FF6F

 005F00

 A1FF8B

 004600

 BFFFA7

 002F00

 DDFFC3

 001100

 FCFE0

 000000

 FFFFFD

 0AB016

 0AB016

 00B00D

 1CB026

 2DB037

 3FB047

 50B057

 62B068

 74B078

 85B088

 97B099

 A8B0A9

Harmonies

Analogous

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



8EA100



0AB016



00B772

Triad

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



0AB016



00ABFF



FF356F

Complementary

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



0AB016



B00AA4

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.



FF3ABD



0AB016



0092FF

Square

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



0AB016



00B6FF



D06AFF



FF6122

Rectangle

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



0AB016



00B9A8



D06AFF



FF2D89

Sweetspot

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



0AB016



A5E6AA



A5B00A



4C734F



F2F2F2



737373

Same Dimension

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



0AB016



00E611



0AB068



505951



00990B



001A02

Inverse Universe

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



B00AA4



E600D5



B00A52



595059



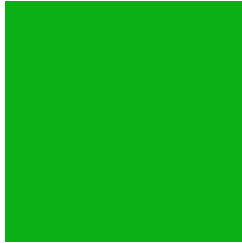
99008E



1A0018

Previews

White Background



This preview shows how the Hex color 0AB016 looks on a white background.

Color Contrast Check

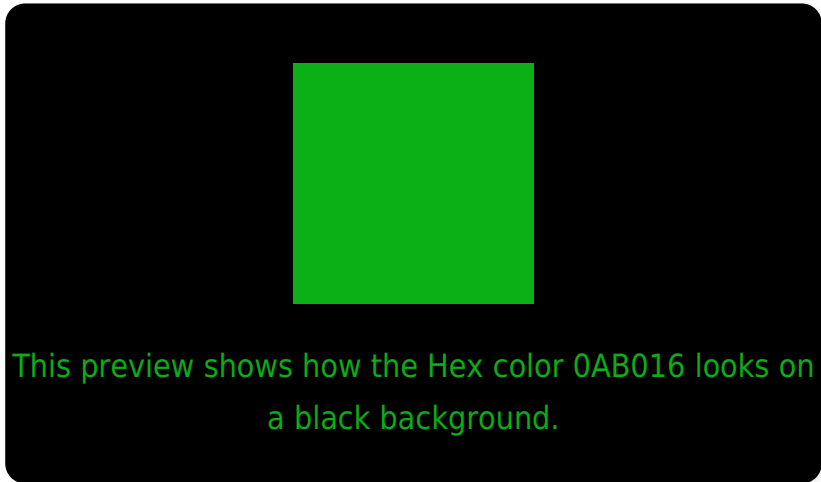
Large Text (above 18pt) WCAG AA × Fail

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

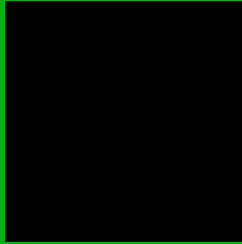
Any Text WCAG AA ✓ Pass

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 0AB016 Background



This preview shows how black text looks on a background with the Hex color 0AB016.

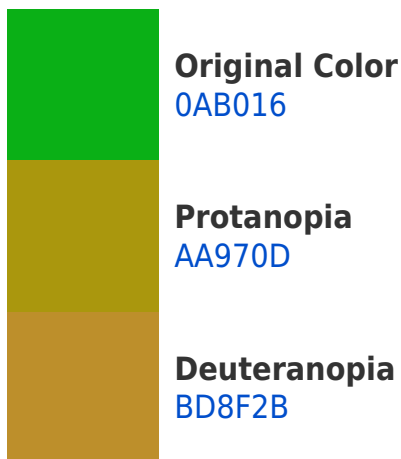


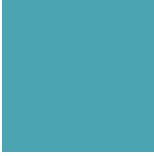
This preview shows how white text looks on a background with the Hex color 0AB016.

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
4AA4B1

Trichromacy



Original Color
0AB016



Protanomaly
70A010



Deuteranomaly
7C9B23



Tritanomaly
33A879

Monochromacy



Original Color
0AB016



Achromatopsia
6D6D6D



Achromatomaly
49854D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0AB016 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 #0AB016 looks like.

```
.text, #text, p{  
    color:#0AB016  
}
```

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 #0AB016 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0AB016
}
```

Border

The CSS property to change the border of an element to Hex 0AB016 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
#0AB016 }
```

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

```
.border{ border-color:#0AB016 }
```

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

Here you see how a box with a 4 pixel #0AB016 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0AB016; -webkit-box-shadow:4px 4px  
4px 4px #0AB016; box-shadow:4px 4px 4px  
4px #0AB016 }
```

Background

The CSS property to change the background color of an element to Hex 0AB016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0AB016 }
```

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

```
.background{ background-color:#0AB016 }
```

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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