

Converting Colors

Hex(2AB067)

Have a look what the booklet for
Hex(2AB067) contains.

Hex(2AB067)	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(2AB067)

Conversions

Conversions Part 1

Format	Color
Hex	2AB067
RGB	42, 176, 103
RGB Percent	16%, 69%, 40%
CMY	0.8353, 0.3098, 0.5961
CMYK	0.76, 0.00, 0.41, 0.31
HSL	147°, 61%, 43%
HSV	147°, 76%, 69%
XYZ	18.9284, 32.5222, 18.1117
YIQ	127.6120, -56.4310, -51.1110

Conversions

Conversions Part 2

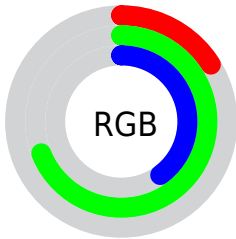
Format	Color
RYB	42, 134, 176
Decimal	2797671
CIELab	63.77, -51.86, 27.55
CIELCh	64, 58.721, 152.025
Yxy	32.5222, 0.2721, 0.4675
Android (android.graphics.Color)	4280987751 (0xFF2AB067)
YUV	127.6120, -12.1337, -75.0817
Hunter-Lab	57.0282, -40.5531, 21.0897

Details

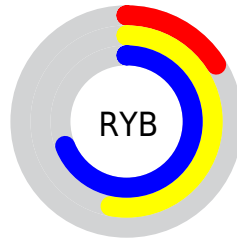
The Hex color **2AB067** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B02A73**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6CE99B**, and **007A37** is the 20% darker color. If you saturate the color by 10%, you get **18B05D**, and if you desaturate by 10%, it is **3CB071**.

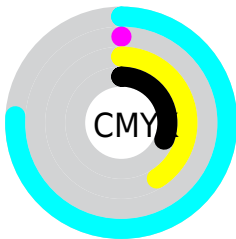
Distribution



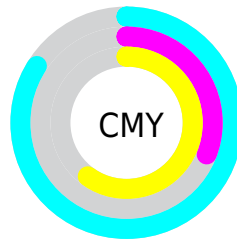
- Red (16%)
- Green (69%)
- Blue (40%)



- Red (16%)
- Yellow (53%)
- Blue (69%)



- Cyan (76%)
- Magenta (0%)
- Yellow (41%)
- Black (31%)



- Cyan (84%)
- Magenta (31%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AB067 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 2AB067 by changing the saturation by 10% instead.

 2AB067

 2AB067

FFFFFF

 00954E

 6CE99B

 007A37

 8AFFB6

 006020

 A7FFD2

 004708

 C5FFEE

 003000

 E2FFFF

 001600

 000000

 2AB067

 2AB067

 18B05D

 3CB071

 07B054

 4DB07A

 00B050

 5FB084

 70B08D

 82B097

 94B0A1

 A5B0AA

 B7B0B4

 C8B0BD

Harmonies

Analogous

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



7EA73B



2AB067



00B49D

Triad

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



2AB067



159FFF



F67266

Complementary

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



2AB067



B02A73

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.



F86A99



2AB067



A08BF4

Square

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



2AB067



00ADF6



DD75CC



DD853C

Rectangle

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



2AB067



00B4C0



DD75CC



FA6D76

Sweetspot

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



2AB067



B1E6C9



74B02A



537361



F2F2F2



737373

Same Dimension

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



2AB067



15E674



2AB0A9



505954



009946



001A0C

Inverse Universe

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



B02A73



E61586



B02A31



595055



990053



1A000E

Previews

White Background



This preview shows how the Hex color 2AB067 looks on a white background.

Color Contrast Check

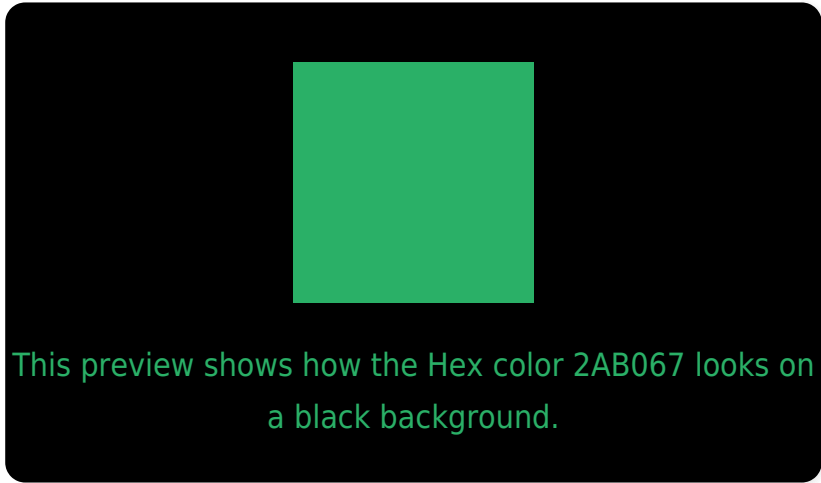
Large Text (above 18pt) WCAG AA × Fail

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 2AB067 Background



This preview shows how black text looks on a background with the Hex color 2AB067.



This preview shows how white text looks on a background with the Hex color 2AB067.

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](#).

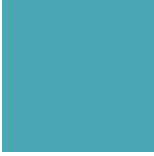
Dichromacy



Original Color
2AB067

Protanopia
A7995E

Deuteranopia
B6936E



Tritanopia
4BA7B4

Trichromacy



Original Color
2AB067



Protanomaly
7AA161



Deuteranomaly
839E6B



Tritanomaly
3FAA98

Monochromacy



Original Color
2AB067



Achromatopsia
808080



Achromatomaly
619177

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AB067 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 #2AB067 looks like.

```
.text, #text, p{  
    color:#2AB067  
}
```

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 #2AB067 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AB067
}
```

Border

The CSS property to change the border of an element to Hex 2AB067 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
#2AB067 }
```

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

```
.border{ border-color:#2AB067 }
```

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

Here you see how a box with a 4 pixel #2AB067 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AB067; -webkit-box-shadow:4px 4px  
4px 4px #2AB067; box-shadow:4px 4px 4px  
4px #2AB067 }
```

Background

The CSS property to change the background color of an element to Hex 2AB067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AB067 }
```

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

```
.background{ background-color:#2AB067 }
```

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