

# Converting Colors

Hex(2ABA6C)

Have a look what the booklet for  
Hex(2ABA6C) contains.

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# Color

Hex(2ABA6C)

# Conversions

## Conversions Part 1

Format	Color
Hex	2ABA6C
RGB	42, 186, 108
RGB Percent	16%, 73%, 42%
CMY	0.8353, 0.2706, 0.5765
CMYK	0.77, 0.00, 0.42, 0.27
HSL	147°, 63%, 45%
HSV	147°, 77%, 73%
XYZ	21.2205, 36.6928, 20.1513
YIQ	134.0520, -60.7860, -54.7860

# Conversions

## Conversions Part 2

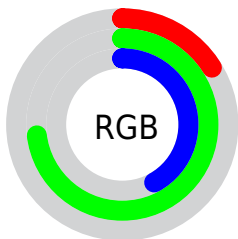
Format	Color
<a href="#">RYB</a>	<a href="#">42, 141, 186</a>
Decimal	<a href="#">2800236</a>
CIELab	<a href="#">67.05, -54.63, 29.21</a>
CIELCh	<a href="#">67, 61.948, 151.870</a>
Yxy	<a href="#">36.6928, 0.2718, 0.4700</a>
Android (android.graphics.Color)	<a href="#">4280990316 (0xFF2ABA6C)</a>
YUV	<a href="#">134.0520, -12.8436, -80.7296</a>
Hunter-Lab	<a href="#">60.5746, -43.4732, 22.6782</a>

# Details

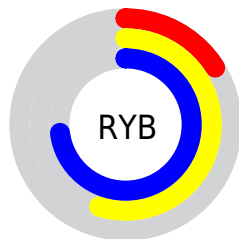
The Hex color **2ABA6C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA2A78**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6EF3A0**, and **00833B** is the 20% darker color. If you saturate the color by 10%, you get **17BA62**, and if you desaturate by 10%, it is **3DBA76**.

# Distribution



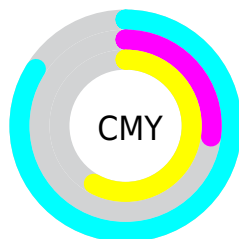
- Red (16%)
- Green (73%)
- Blue (42%)



- Red (16%)
- Yellow (55%)
- Blue (73%)



- Cyan (77%)
- Magenta (0%)
- Yellow (42%)
- Black (27%)



- Cyan (84%)
- Magenta (27%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2ABA6C 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 2ABA6C by changing the saturation by 10% instead.



 2ABA6C

 2ABA6C

FFFFFF

 009E53

 6EF3A0

 00833B

 8CFFBC

 006924

 AAFFD7

 00500C

 C8FFF4

 003800

 E6FFFF

 002000

 000000

 2ABA6C

 2ABA6C

 17BA62

 3DBA76

■ 05BA58

■ 4FBA80

■ 00BA55

■ 62BA8A

■ 74BA94

■ 87BA9E

■ 9ABAA8

■ ACBAB3

■ BFBABD

■ D1BAC7

# Harmonies

## Analogous

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



85B13D



2ABA6C



00BEA5

# Triad

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



2ABA6C



00A8FF



FF776B

# Complementary

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



2ABA6C



BA2A78

# 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.



FF6FA2



2ABA6C



A993FF

# Square

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



2ABA6C



00B6FF



EA7BD9



EA8D3F

# Rectangle

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



2ABA6C



00BECB



EA7BD9



FF727D



# Sweetspot

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



2ABA6C



BBF2D4



79BA2A



587A68



FAFAFA



7A7A7A



# Same Dimension

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



2ABA6C



11F278



2ABAB3



535C57



009C47



001C0D



# Inverse Universe

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



BA2A78



F2118B



BA2A31



5C5358



9C0054



1C000F



# Previews

## White Background



This preview shows how the Hex color 2ABA6C looks on a white background.

## Color Contrast Check

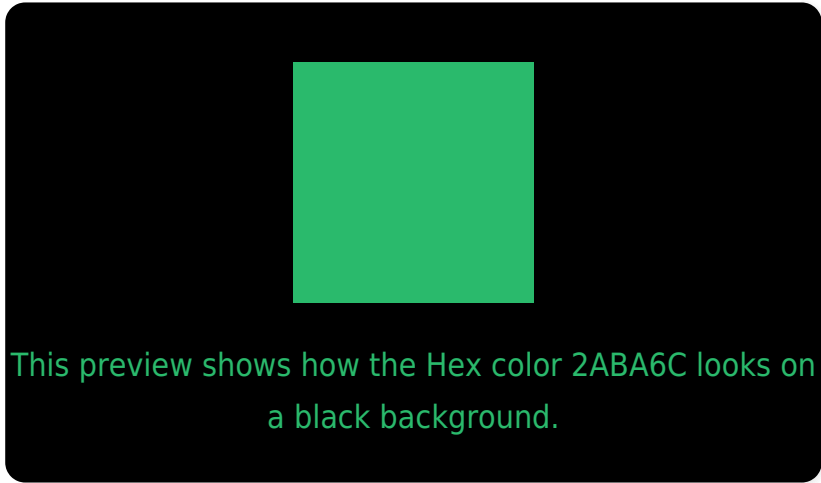
Large Text (above 18pt) WCAG AA × Fail

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 2ABA6C Background



This preview shows how black text looks on a background with the Hex color 2ABA6C.

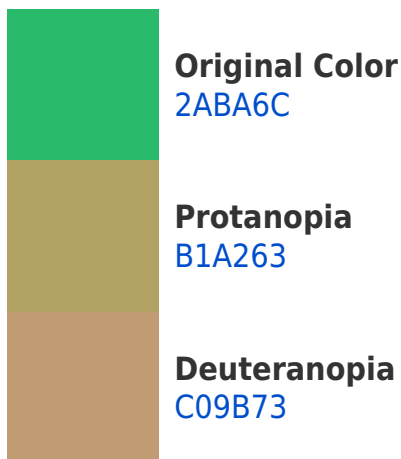


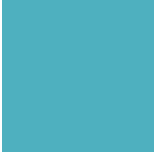
This preview shows how white text looks on a background with the Hex color 2ABA6C.

# 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](#).

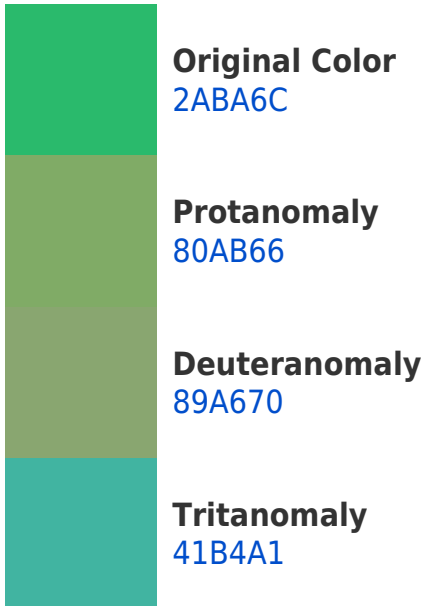
## Dichromacy



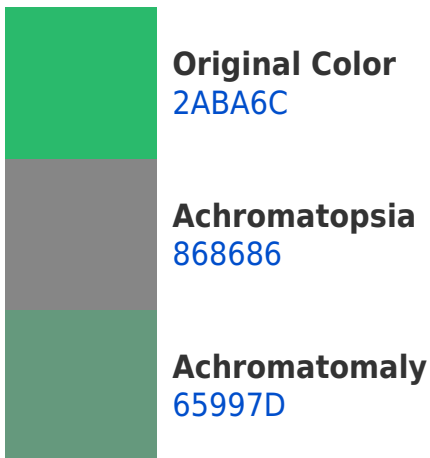


**Tritanopia**  
4EBOBF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2ABA6C 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 #2ABA6C looks like.

```
.text, #text, p{  
    color:#2ABA6C  
}
```

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 #2ABA6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ABA6C
}
```

## Border

The CSS property to change the border of an element to Hex 2ABA6C 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
#2ABA6C }
```

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

```
.border{ border-color:#2ABA6C }
```

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

Here you see how a box with a 4 pixel #2ABA6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ABA6C; -webkit-box-shadow:4px 4px  
4px 4px #2ABA6C; box-shadow:4px 4px 4px  
4px #2ABA6C }
```

# Background

The CSS property to change the background color of an element to Hex 2ABA6C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ABA6C }
```

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

```
.background{ background-color:#2ABA6C }
```

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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