

# Converting Colors

Hex(0ABFA3)

Have a look what the booklet for  
Hex(0ABFA3) contains.

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# Color

Hex(0ABFA3)

# Conversions

## Conversions Part 1

Format	Color
Hex	0ABFA3
RGB	10, 191, 163
RGB Percent	4%, 75%, 64%
CMY	0.9608, 0.2510, 0.3608
CMYK	0.95, 0.00, 0.15, 0.25
HSL	171°, 90%, 39%
HSV	171°, 95%, 75%
XYZ	25.3668, 39.9705, 41.0284
YIQ	133.6890, -98.8880, -47.0800

# Conversions

## Conversions Part 2

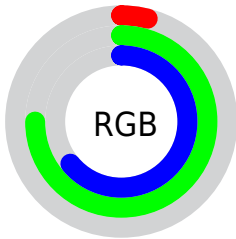
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">10, 108, 191</a>
Decimal	<a href="#">704419</a>
CIELab	<a href="#">69.45, -46.39, 2.87</a>
CIELCh	<a href="#">69, 46.483, 176.462</a>
Yxy	<a href="#">39.9705, 0.2385, 0.3758</a>
Android (android.graphics.Color)	<a href="#">4278894499</a> ( <a href="#">0xFF0ABFA3</a> )
YUV	<a href="#">133.6890, 14.4503, -108.4753</a>
Hunter-Lab	<a href="#">63.2222, -39.0188, 5.7789</a>

# Details

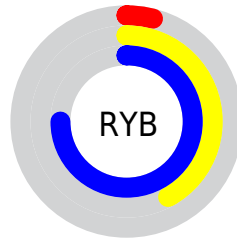
The Hex color **0ABFA3** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BF0A26**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66F8DA**, and **00886F** is the 20% darker color. If you saturate the color by 10%, you get **00BFA1**, and if you desaturate by 10%, it is **1DBFA6**.

# Distribution



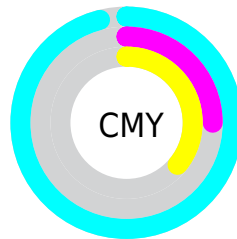
- Red (4%)
- Green (75%)
- Blue (64%)



- Red (4%)
- Yellow (42%)
- Blue (75%)



- Cyan (95%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (96%)
- Magenta (25%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0ABFA3 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 0ABFA3 by changing the saturation by 10% instead.



 0ABFA3

 0ABFA3


FFFFFF

 00A389

 66F8DA

 00886F

 85FFF6

 006E57

 A4FFFF

 005540

 C3FFFF

 003C2A

 E2FFFF

 002716

 000000

 0ABFA3

 0ABFA3

 00BFA1

 1DBFA6

 30BFA9

 43BFAC

 56BFAF

 6ABFB2

 7DBFB5

 90BFB8

 A3BFBB

 B6BFBE

# Harmonies

## Analogous

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



6ABB79



0ABFA3



00BFCE

# Triad

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



0ABFA3



A5A1F5



E89664

# Complementary

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



0ABFA3



BF0A26

# 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.



F98A86



0ABFA3



D991D9

# Square

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



0ABFA3



57AFFD



F587B0



C8A654

# Rectangle

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



0ABFA3



00BCE6



F587B0



EF926E

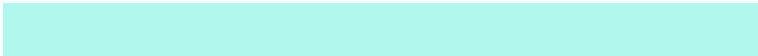


# Sweetspot

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



0ABFA3



B2F7ED



28BF0A



527D76



FCFCFC



7D7D7D



# Same Dimension

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



0ABFA3



00F7D1



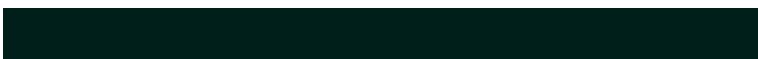
0A83BF



555E5D



009E86



001F1A



# Inverse Universe

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



BF0A26



F70026



BF460A



5E5556



9E0018

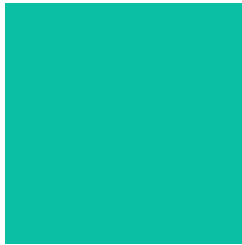


1F0005



# Previews

## White Background



This preview shows how the Hex color 0ABFA3 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 0ABFA3 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 0ABFA3 Background



This preview shows how black text looks on a background with the Hex color 0ABFA3.

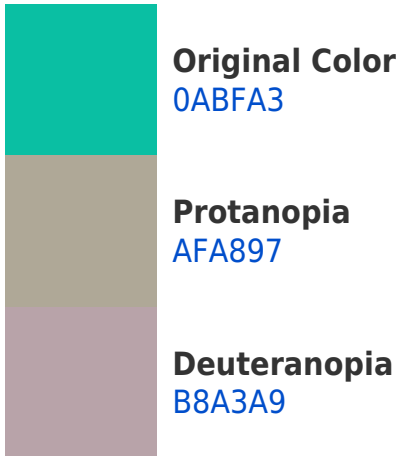


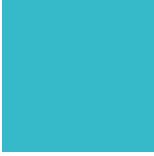
This preview shows how white text looks on a background with the Hex color 0ABFA3.

# 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**  
36BAC9

# Trichromacy



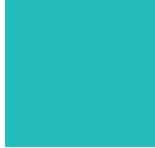
**Original Color**  
0ABFA3



**Protanomaly**  
73B09B



**Deuteranomaly**  
79ADA7



**Tritanomaly**  
26BCBB

# Monochromacy



**Original Color**  
0ABFA3



**Achromatopsia**  
868686



**Achromatomaly**  
599B91

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0ABFA3 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 #0ABFA3 looks like.

```
.text, #text, p{  
    color:#0ABFA3  
}
```

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 #0ABFA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0ABFA3
}
```

## Border

The CSS property to change the border of an element to Hex 0ABFA3 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
#0ABFA3 }
```

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

```
.border{ border-color:#0ABFA3 }
```

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

Here you see how a box with a 4 pixel #0ABFA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0ABFA3; -webkit-box-shadow:4px 4px  
4px 4px #0ABFA3; box-shadow:4px 4px 4px  
4px #0ABFA3 }
```

# Background

The CSS property to change the background color of an element to Hex 0ABFA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0ABFA3 }
```

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

```
.background{ background-color:#0ABFA3 }
```

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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