

# Converting Colors

Hex(1ABAB3)

Have a look what the booklet for  
Hex(1ABAB3) contains.

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# Color

**Hex(1ABAB3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1ABAB3
RGB	26, 186, 179
RGB Percent	10%, 73%, 70%
CMY	0.8980, 0.2706, 0.2980
CMYK	0.86, 0.00, 0.04, 0.27
HSL	177°, 75%, 42%
HSV	177°, 86%, 73%
XYZ	26.1216, 38.5921, 48.7201
YIQ	137.3620, -93.1130, -36.0970

# Conversions

## Conversions Part 2

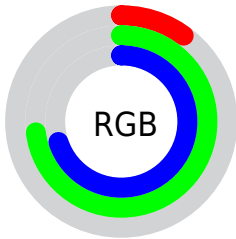
Format	Color
R <sub>Y</sub> B	26, 108, 186
Decimal	1751731
CIE Lab	68.45, -38.95, -7.36
CIE LCh	68, 39.638, 190.702
Yxy	38.5921, 0.2303, 0.3402
Android (android.graphics.Color)	4279941811 (0xFF1ABAB3)
YUV	137.3620, 20.5275, -97.6645
Hunter-Lab	62.1225, -33.6579, -3.0129

# Details

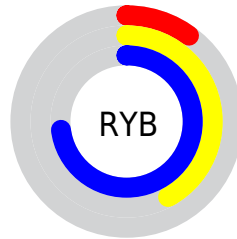
The Hex color **1ABAB3** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BA1A21**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6AF3EB**, and **00847E** is the 20% darker color. If you saturate the color by 10%, you get **07BAB2**, and if you desaturate by 10%, it is **2DBAB4**.

# Distribution



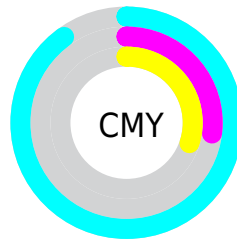
- Red (10%)
- Green (73%)
- Blue (70%)



- Red (10%)
- Yellow (42%)
- Blue (73%)



- Cyan (86%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (90%)
- Magenta (27%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1ABAB3 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 1ABAB3 by changing the saturation by 10% instead.



 1ABAB3

 1ABAB3

FFFFFF

 009F98

 6AF3EB

 00847E

 8AFFFF

 006A65

 A8FFFF

 00514E

 C7FFFF

 003937

 E6FFFF

 002521

 00000B

 000000

 1ABAB3

 1ABAB3

07BAB2

2DBAB4

00BAB2

3FBAB5

52BAB5

64BAB6

77BAB7

8ABAB8

9CBAB9

AFBABA

C1BABA

# Harmonies

## Analogous

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



5CB88E



1ABAB3



00B8D5

# Triad

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



1ABAB3



BB99DD



D29D64

# Complementary

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



1ABAB3



BA1A21

# 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.



E7917A



1ABAB3



DE8EBF

# Square

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



1ABAB3



87A6ED



EC8B9B



B2A95F

# Rectangle

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



1ABAB3



25B4E5



EC8B9B



DA9969



# Sweetspot

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



1ABAB3



B3F2EF



22BA1A



547A79



FAFAFA



7A7A7A



# Same Dimension

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



1ABAB3



00F2E8



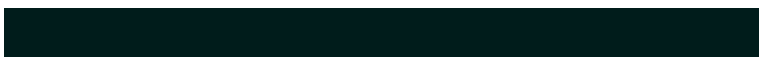
1A72BA



535C5B



009C95



001C1B



# Inverse Universe

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



BA1A21



F2000B



BA621A



5C5353



9C0007

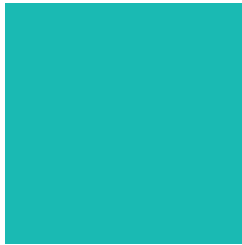


1C0001



# Previews

## White Background



This preview shows how the Hex color 1ABAB3 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 1ABAB3 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 1ABAB3 Background



This preview shows how black text looks on a background with the Hex color 1ABAB3.

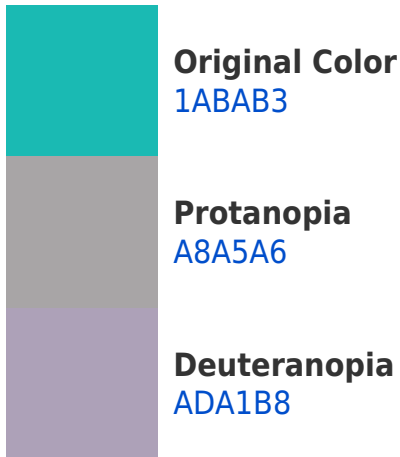


This preview shows how white text looks on a background with the Hex color 1ABAB3.

# 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



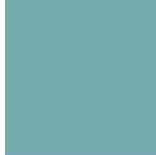


**Tritanopia**  
2EB7C6

# Trichromacy



**Original Color**  
1ABAB3



**Protanomaly**  
74ADAB



**Deuteranomaly**  
78AAB6



**Tritanomaly**  
27B8BF

# Monochromacy



**Original Color**  
1ABAB3



**Achromatopsia**  
898989



**Achromatomaly**  
619B98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1ABAB3 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 #1ABAB3 looks like.

```
.text, #text, p{  
    color:#1ABAB3  
}
```

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 #1ABAB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ABAB3
}
```

## Border

The CSS property to change the border of an element to Hex 1ABAB3 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
#1ABAB3 }
```

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

```
.border{ border-color:#1ABAB3 }
```

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

Here you see how a box with a 4 pixel #1ABAB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ABAB3; -webkit-box-shadow:4px 4px  
4px 4px #1ABAB3; box-shadow:4px 4px 4px  
4px #1ABAB3 }
```

# Background

The CSS property to change the background color of an element to Hex 1ABAB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ABAB3 }
```

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

```
.background{ background-color:#1ABAB3 }
```

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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