

Converting Colors

Hex(1BABAB)

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

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Color

Hex(1BABAB)

Conversions

Conversions Part 1

Format	Color
Hex	1BABAB
RGB	27, 171, 171
RGB Percent	11%, 67%, 67%
CMY	0.8941, 0.3294, 0.3294
CMYK	0.84, 0.00, 0.00, 0.33
HSL	180°, 73%, 39%
HSV	180°, 84%, 67%
XYZ	22.3656, 32.2991, 43.5836
YIQ	127.9440, -85.8240, -30.5280

Conversions

Conversions Part 2

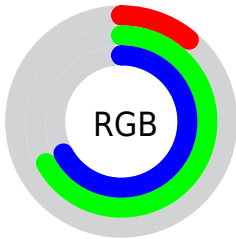
Format	Color
RYB	27, 99, 171
Decimal	1813419
CIELab	63.59, -34.37, -10.17
CIELCh	64, 35.845, 196.487
Yxy	32.2991, 0.2276, 0.3287
Android (android.graphics.Color)	4280003499 (0xFF1BABAB)
YUV	127.9440, 21.2266, -88.5279
Hunter-Lab	56.8323, -29.2102, -5.6858

Details

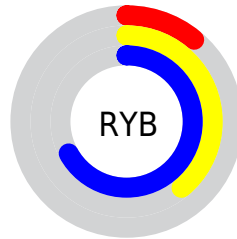
The Hex color **1BABAB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB1B1B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **67E3E2**, and **007677** is the 20% darker color. If you saturate the color by 10%, you get **0AABAB**, and if you desaturate by 10%, it is **2CABAB**.

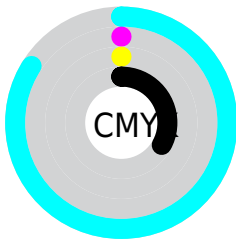
Distribution



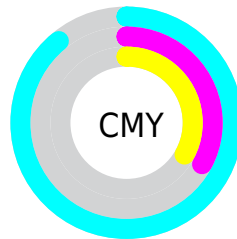
- Red (11%)
- Green (67%)
- Blue (67%)



- Red (11%)
- Yellow (39%)
- Blue (67%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 1BABAB

 1BABAB

FFFFFF

 009091

 67E3E2

 007677

 86FFFF

 005D5E

 A4FFFF

 004447

 C2FFFF

 002D30

 E1FFFF

 00161C

 000000

 1BABAB

 1BABAB

 0AABAB

 2CABAB

00ABAB

3DABAB

4EABAB

5FABAB

70ABAB

82ABAB

93ABAB

A4ABAB

B5ABAB

Harmonies

Analogous

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



50AA8A



1BABAB



0CA8C7

Triad

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



1BABAB



B48BC6



BC935C

Complementary

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



1BABAB



AB1B1B

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.



D1886D



1BABAB



CF83AA

Square

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



1BABAB



8897D7



D88189



9D9E5C

Rectangle

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



1BABAB



3CA4D4



D88189



C48F60

Sweetspot

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



1BABAB



A6DEDE



1BAB1B



4F7070



F0F0F0



707070

Same Dimension

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



1BABAB



00DEDE



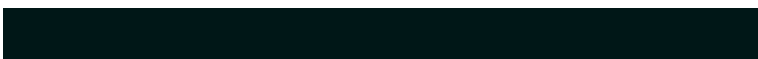
1B63AB



4E5757



009696



001717

Inverse Universe

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



AB1BAB



DE00DE



AB631B



574E57



960096



170017

Previews

White Background



This preview shows how the Hex color 1BABAB 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 1BABAB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

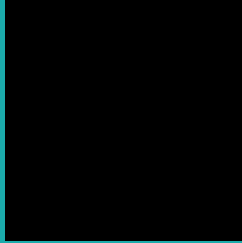
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

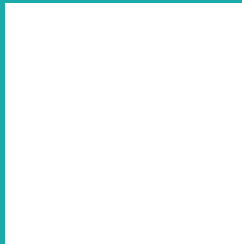
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1BABAB Background



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

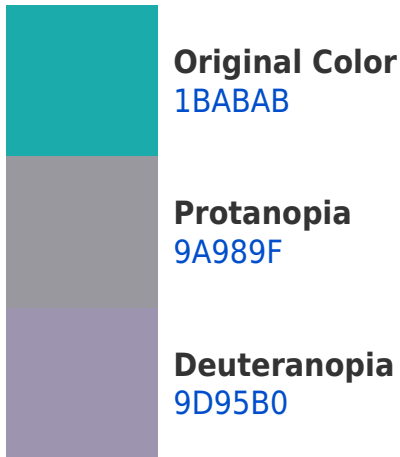


This preview shows how white text looks on a background with the Hex color 1BABAB.

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
28A9B7

Trichromacy



Original Color
1BABAB



Protanomaly
6C9FA3



Deuteranomaly
6E9DAE



Tritanomaly
23AAB3

Monochromacy



Original Color
1BABAB



Achromatopsia
808080



Achromatomaly
5B9090

CSS Examples

Text

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

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

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 #1BABAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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