

Converting Colors

Hex(16B6BE)

Have a look what the booklet for
Hex(16B6BE) contains.

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Color

Hex(16B6BE)

Conversions

Conversions Part 1

Format	Color
Hex	16B6BE
RGB	22, 182, 190
RGB Percent	9%, 71%, 75%
CMY	0.9137, 0.2863, 0.2549
CMYK	0.88, 0.04, 0.00, 0.25
HSL	183°, 79%, 42%
HSV	183°, 88%, 75%
XYZ	26.3531, 37.3442, 54.5344
YIQ	135.0720, -97.9280, -31.4320

Conversions

Conversions Part 2

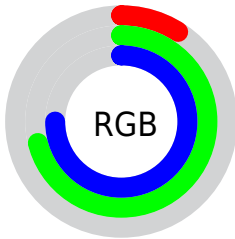
Format	Color
R_{YB}	22, 104, 190
Decimal	1488574
CIE _{Lab}	67.53, -34.02, -14.81
CIE _{LCh}	68, 37.106, 203.516
Yxy	37.3442, 0.2229, 0.3159
Android (android.graphics.Color)	4279678654 (0xFF16B6BE)
YUV	135.0720, 27.0795, -99.1641
Hunter-Lab	61.1099, -29.9658, -10.1334

Details

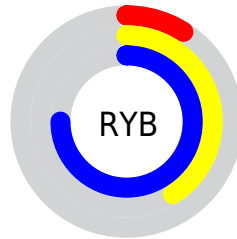
The Hex color **16B6BE** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BE1E16**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6AEEF6**, and **008089** is the 20% darker color. If you saturate the color by 10%, you get **03B5BE**, and if you desaturate by 10%, it is **29B7BE**.

Distribution



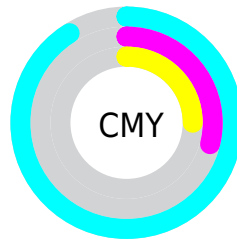
- Red (9%)
- Green (71%)
- Blue (75%)



- Red (9%)
- Yellow (41%)
- Blue (75%)



- Cyan (88%)
- Magenta (4%)
- Yellow (0%)
- Black (25%)



- Cyan (91%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16B6BE 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 16B6BE by changing the saturation by 10% instead.

 16B6BE

 16B6BE

FFFFFF

 009BA3

 6AEEF6

 008089

 89FFFF

 00676F

 A8FFFF

 004E57

 C7FFFF

 003640

 E6FFFF

 00232A

 000116

 000000

 16B6BE

 16B6BE

03B5BE

29B7BE

00B5BE

3CB8BE

4FB9BE

62BABE

75BBBE

88BBBE

9BBCBE

AEBDBE

C1BEBE

Harmonies

Analogous

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



4CB69C



16B6BE



28B2D9

Triad

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



16B6BE



C893CD



C1A062

Complementary

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



16B6BE



BE1E16

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.



DA9470



16B6BE



E08BAD

Square

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



16B6BE



9E9EE2



E68C8B



A0AB66

Rectangle

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



16B6BE



52ADE4



E68C8B



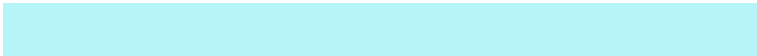
CA9C65

Sweetspot

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



16B6BE



B5F4F7



16BE1C



557B7D



FCFCFC



7D7D7D

Same Dimension

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



16B6BE



00ECF7



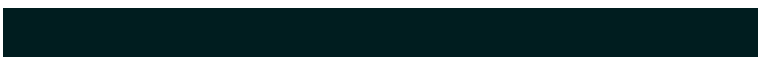
1664BE



555E5E



00979E



001D1F

Inverse Universe

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



BE16B6



F700EC



BE7016



5E555E



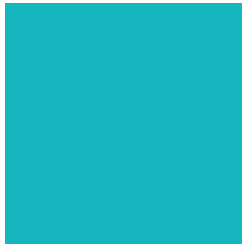
9E0097



1F001D

Previews

White Background



This preview shows how the Hex color 16B6BE 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 16B6BE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

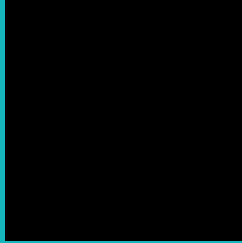
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

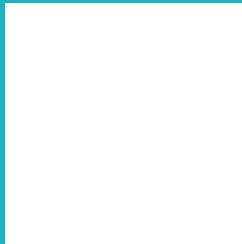
Any Text WCAG AAA ✓ Pass

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

Hex 16B6BE Background



This preview shows how black text looks on a background with the Hex color 16B6BE.

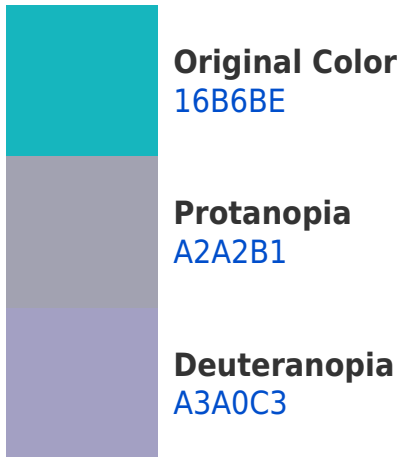


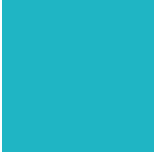
This preview shows how white text looks on a background with the Hex color 16B6BE.

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



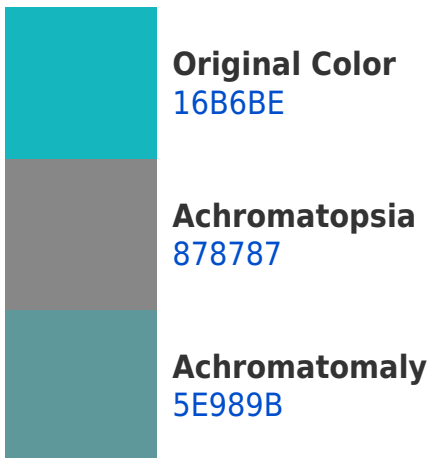


Tritanopia
1FB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16B6BE 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 #16B6BE looks like.

```
.text, #text, p{  
    color:#16B6BE  
}
```

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 #16B6BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16B6BE
}
```

Border

The CSS property to change the border of an element to Hex 16B6BE 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
#16B6BE }
```

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

```
.border{ border-color:#16B6BE }
```

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

Here you see how a box with a 4 pixel #16B6BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16B6BE; -webkit-box-shadow:4px 4px  
4px 4px #16B6BE; box-shadow:4px 4px 4px  
4px #16B6BE }
```

Background

The CSS property to change the background color of an element to Hex 16B6BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16B6BE }
```

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

```
.background{ background-color:#16B6BE }
```

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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