

Converting Colors

Hex(1B88B1)

Have a look what the booklet for
Hex(1B88B1) contains.

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Color

Hex(1B88B1)

Conversions

Conversions Part 1

Format	Color
Hex	1B88B1
RGB	27, 136, 177
RGB Percent	11%, 53%, 69%
CMY	0.8941, 0.4667, 0.3059
CMYK	0.85, 0.23, 0.00, 0.31
HSL	196°, 74%, 40%
HSV	196°, 85%, 69%
XYZ	17.1920, 21.0157, 44.7453
YIQ	108.0830, -78.1250, -10.3570

Conversions

Conversions Part 2

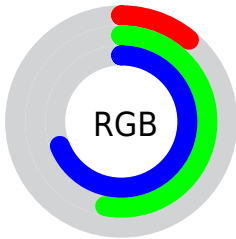
Format	Color
R_{YB}	27, 90, 177
Decimal	1804465
CIE _{Lab}	52.97, -14.50, -29.79
CIE _{LCh}	53, 33.128, 244.042
Yxy	21.0157, 0.2072, 0.2533
Android (android.graphics.Color)	4279994545 (0xFF1B88B1)
YUV	108.0830, 33.9761, -71.1098
Hunter-Lab	45.8428, -13.2839, -25.7805




Details

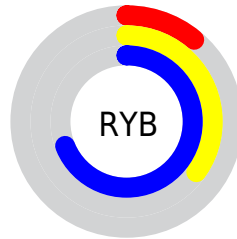
The Hex color **1B88B1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B1441B**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **64BDE9**, and **00567C** is the 20% darker color. If you saturate the color by 10%, you get **0983B1**, and if you desaturate by 10%, it is **2D8DB1**.

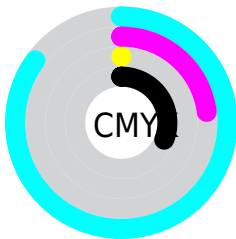
Distribution







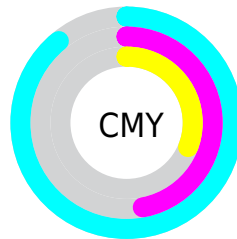
-  Red (11%)
-  Green (53%)
-  Blue (69%)






-  Red (11%)
-  Yellow (35%)
-  Blue (69%)



-  Cyan (85%)
-  Magenta (23%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (89%)
-  Magenta (47%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B88B1 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 1B88B1 by changing the saturation by 10% instead.



1B88B1



1B88B1

FFFFFF



006F96



64BDE9



00567C



82D9FF



003F63



A0F6FF



00294B



BDFFFF



001534



DBFFFF



00021E



F9FFFF



000001



000000



1B88B1



1B88B1

0983B1

2D8DB1

0081B1

3E92B1

5097B1

629BB1

73A0B1

85A5B1

97AAB1

A9AFB1

BAB4B1

Harmonies

Analogous

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



008C9D



1B88B1



5A80B7

Triad

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



1B88B1



B4687C



6F864E

Complementary

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



1B88B1



B1441B

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.



8D7E45



1B88B1



B36B60

Square

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



1B88B1



A56C98



A5744C



4B8B65

Rectangle

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



1B88B1



7979B2



A5744C



798449

Sweetspot

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



1B88B1



ACD6E6



1BB143



506973



F2F2F2



737373

Same Dimension

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



1B88B1



00A7E6



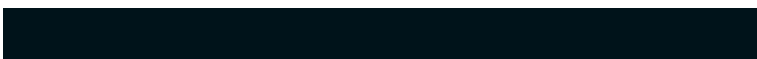
1B3EB1



505759



006F99



00131A

Inverse Universe

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



B11B88



E600A7



B18E1B



595057



99006F



1A0013

Previews

White Background



This preview shows how the Hex color 1B88B1 looks on a white background.

Color Contrast Check

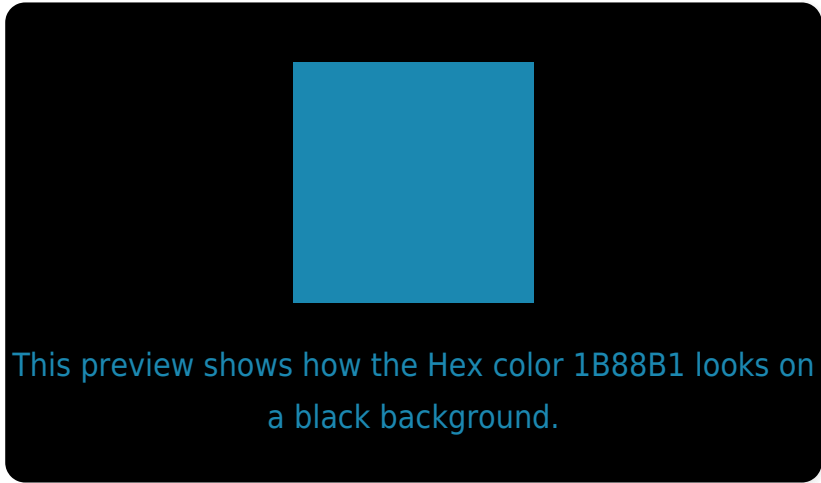
Large Text (above 18pt) WCAG AA ✓ Pass

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

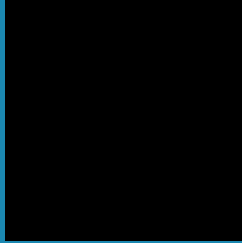
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1B88B1 Background



This preview shows how black text looks on a background with the Hex color 1B88B1.

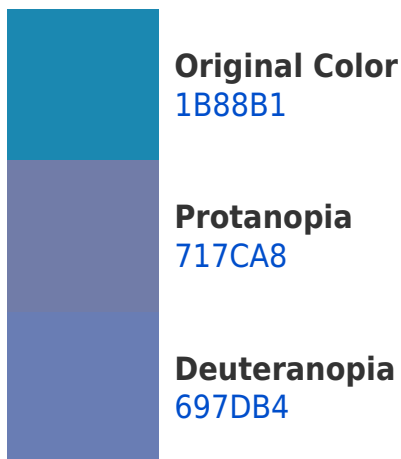


This preview shows how white text looks on a background with the Hex color 1B88B1.

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](#).

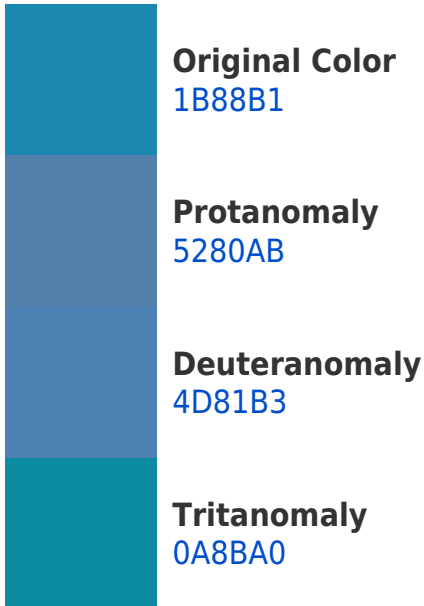
Dichromacy



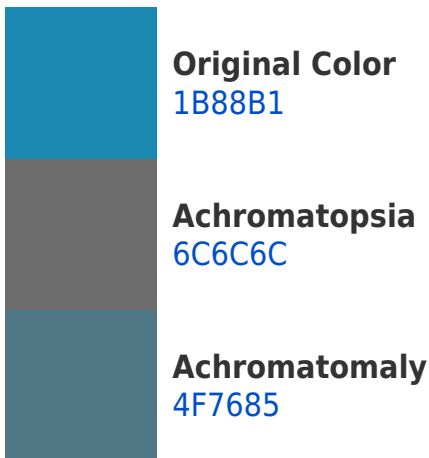


Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1B88B1 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 #1B88B1 looks like.

```
.text, #text, p{  
    color:#1B88B1  
}
```

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 #1B88B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B88B1
}
```

Border

The CSS property to change the border of an element to Hex 1B88B1 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
#1B88B1 }
```

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

```
.border{ border-color:#1B88B1 }
```

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

Here you see how a box with a 4 pixel #1B88B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B88B1; -webkit-box-shadow:4px 4px  
4px 4px #1B88B1; box-shadow:4px 4px 4px  
4px #1B88B1 }
```

Background

The CSS property to change the background color of an element to Hex 1B88B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B88B1 }
```

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

```
.background{ background-color:#1B88B1 }
```

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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