

Converting Colors

Hex(90B1B0)

Have a look what the booklet for
Hex(90B1B0) contains.

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Color

Hex(90B1B0)

Conversions

Conversions Part 1

Format	Color
Hex	90B1B0
RGB	144, 177, 176
RGB Percent	56%, 69%, 69%
CMY	0.4353, 0.3059, 0.3098
CMYK	0.19, 0.00, 0.01, 0.31
HSL	178°, 17%, 63%
HSV	178°, 19%, 69%
XYZ	35.0602, 40.5082, 47.0453
YIQ	167.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

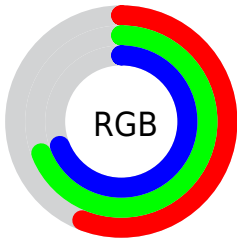
Format	Color
RYB	144, 161, 177
Decimal	9482672
CIELab	69.83, -11.37, -3.22
CIELCh	70, 11.815, 195.796
Yxy	40.5082, 0.2859, 0.3304
Android (android.graphics.Color)	4287672752 (0xFF90B1B0)
YUV	167.0190, 4.4276, -20.1877
Hunter-Lab	63.6460, -13.0516, 0.7268

Details

The Hex color **90B1B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B19091**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C6E9E8**, and **5D7C7C** is the 20% darker color. If you saturate the color by 10%, you get **7EB1AF**, and if you desaturate by 10%, it is **A2B1B1**.

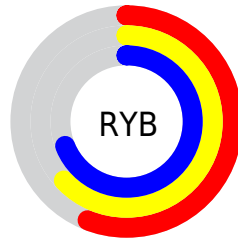
Distribution



Red (56%)

Green (69%)

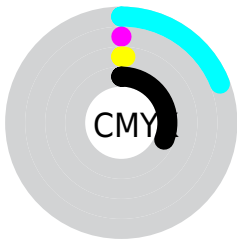
Blue (69%)



Red (56%)

Yellow (63%)

Blue (69%)

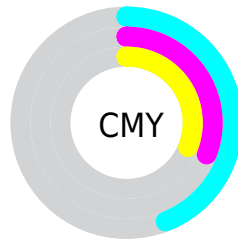


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (44%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B1B0 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 90B1B0 by changing the saturation by 10% instead.

 90B1B0

 90B1B0

FFFFFF

 769695

 C6E9E8

 5D7C7C

 E2FFFF

 456363

 2D4B4B

 163534

 011F1F

 000007

 000000

 90B1B0

 90B1B0

7EB1AF

A2B1B1

6DB1AF

B3B1B1

5BB1AE

C5B1B2

49B1AE

D7B1B2

38B1AD

E9B1B3

26B1AD

FAB1B3

14B1AC

FFB1B4

02B1AC

FFB1B5

00B1AC

Harmonies

Analogous

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



96B1A5



90B1B0



91B0BA

Triad

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



90B1B0



B4A6BA



B8A896

Complementary

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



90B1B0



B19091

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.



C0A59C



90B1B0



BDA4B0

Square

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



90B1B0



A6AABF



C2A3A5



ADAC96

Rectangle

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



90B1B0



96AEBE



C2A3A5



BBA797

Sweetspot

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



90B1B0



D8E6E5



91B190



6B7373



F2F2F2



737373

Same Dimension

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



90B1B0



B3E6E4



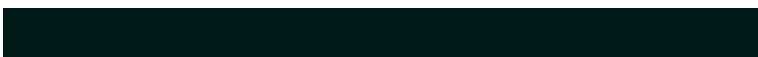
90A2B1



505959



009994



001A19

Inverse Universe

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



B19091



E6B3B5



B19F90



595051



990005



1A0001

Previews

White Background



This preview shows how the Hex color 90B1B0 looks on a white background.

Color Contrast Check

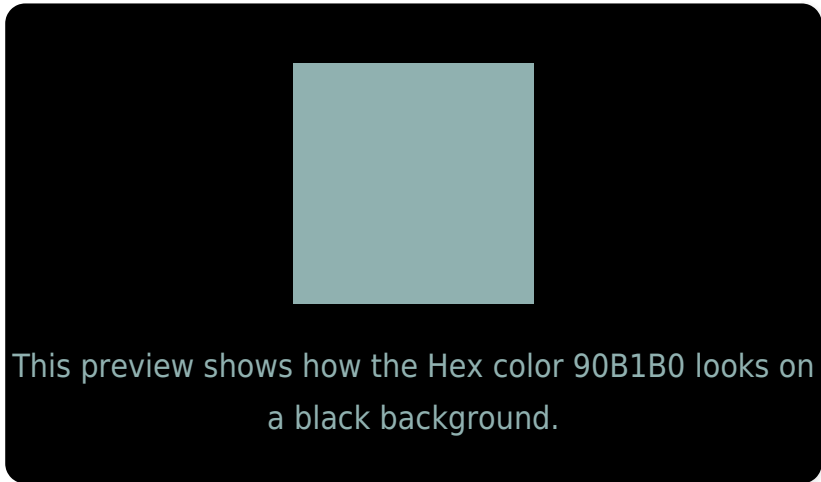
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

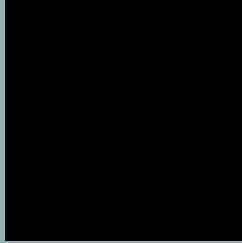
Any Text WCAG AA ✓ Pass

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 90B1B0 Background



This preview shows how black text looks on a background with the Hex color 90B1B0.

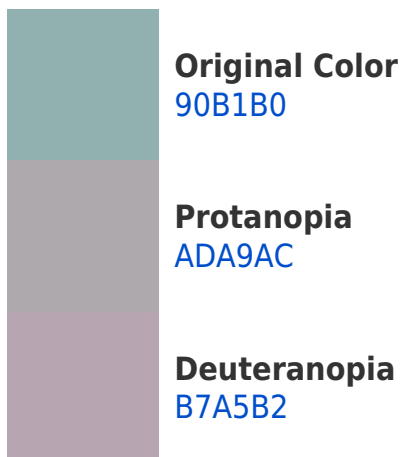


This preview shows how white text looks on a background with the Hex color 90B1B0.

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](#).

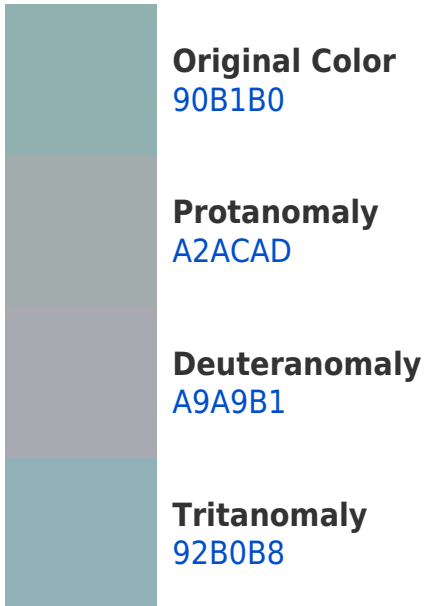
Dichromacy



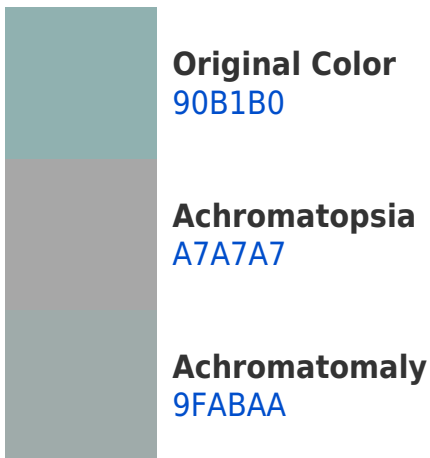


Tritanopia
93AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B1B0 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 #90B1B0 looks like.

```
.text, #text, p{  
    color:#90B1B0  
}
```

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 #90B1B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B1B0
}
```

Border

The CSS property to change the border of an element to Hex 90B1B0 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
#90B1B0 }
```

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

```
.border{ border-color:#90B1B0 }
```

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

Here you see how a box with a 4 pixel #90B1B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B1B0; -webkit-box-shadow:4px 4px  
4px 4px #90B1B0; box-shadow:4px 4px 4px  
4px #90B1B0 }
```

Background

The CSS property to change the background color of an element to Hex 90B1B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B1B0 }
```

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

```
.background{ background-color:#90B1B0 }
```

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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