

Converting Colors

Hex(90B8B1)

Have a look what the booklet for
Hex(90B8B1) contains.

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Color

Hex(90B8B1)

Conversions

Conversions Part 1

Format	Color
Hex	90B8B1
RGB	144, 184, 177
RGB Percent	56%, 72%, 69%
CMY	0.4353, 0.2784, 0.3059
CMYK	0.22, 0.00, 0.04, 0.28
HSL	170°, 22%, 64%
HSV	170°, 22%, 72%
XYZ	36.5779, 43.3846, 48.0412
YIQ	171.2420, -21.5930, -10.6570

Conversions

Conversions Part 2

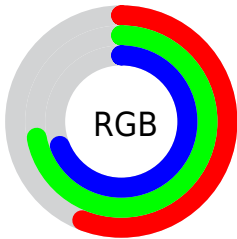
Format	Color
RYB	144, 166, 184
Decimal	9484465
CIELab	71.82, -14.82, -0.85
CIELCh	72, 14.849, 183.292
Yxy	43.3846, 0.2858, 0.3389
Android (android.graphics.Color)	4287674545 (0xFF90B8B1)
YUV	171.2420, 2.8387, -23.8912
Hunter-Lab	65.8670, -16.1408, 2.8627

Details

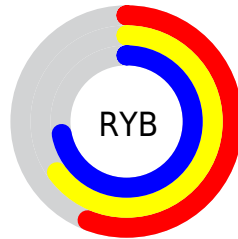
The Hex color **90B8B1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B89097**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C6F0E9**, and **5D837C** is the 20% darker color. If you saturate the color by 10%, you get **7EB8AE**, and if you desaturate by 10%, it is **A2B8B4**.

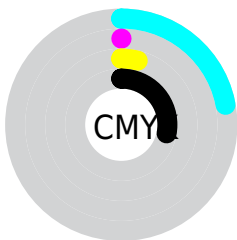
Distribution



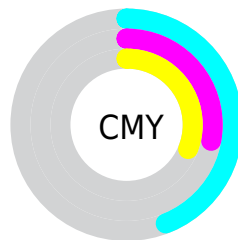
- Red (56%)
- Green (72%)
- Blue (69%)



- Red (56%)
- Yellow (65%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (44%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B8B1 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 90B8B1 by changing the saturation by 10% instead.



90B8B1



90B8B1

FFFFFF



769D96



C6F0E9



5D837C



E3FFFF



446A64



2C514C



153A35



002420



000D08



000000



90B8B1



90B8B1

 7EB8AE

 A2B8B4

 6BB8AB

 B5B8B7

 59B8A7

 C7B8BB

 46B8A4

 DAB8BE

 34B8A1

 ECB8C1

 22B89E

 FEB8C4

 0FB89A

 FFB8C8

 00B898

 FFB8CB

 FFB8CE

Harmonies

Analogous

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



9BB7A3



90B8B1



8DB7BE

Triad

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



90B8B1



B5ACC7



C6AB98

Complementary

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



90B8B1



B89097

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.



CCA8A2



90B8B1



C3A8BC

Square

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



90B8B1



A3B1CB



CCA7AF



B9AF95

Rectangle

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



90B8B1



91B6C5



CCA7AF



C9AA9B

Sweetspot

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



90B8B1



DFF0ED



97B890



6E7876



F7F7F7



787878

Same Dimension

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



90B8B1



B1F0E5



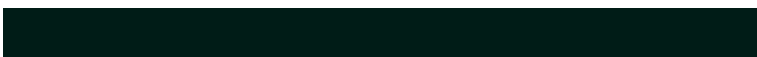
90ABB8



535C5A



009C80



001C17

Inverse Universe

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



B89097



F0B1BC



B89D90



5C5354



9C001B



1C0005

Previews

White Background



This preview shows how the Hex color 90B8B1 looks on a white background.

Color Contrast Check

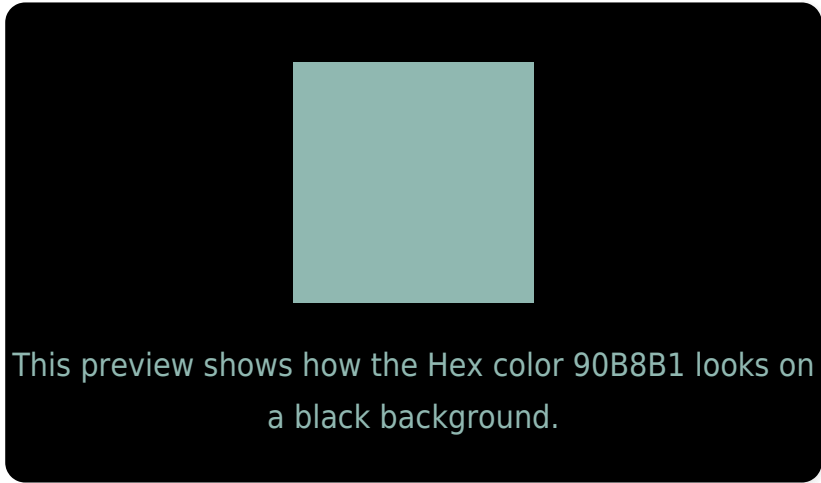
Large Text (above 18pt) WCAG AA × Fail

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

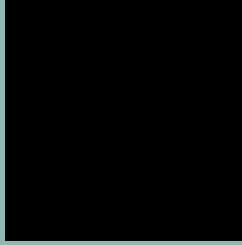
Any Text WCAG AA ✓ Pass

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 90B8B1 Background



This preview shows how black text looks on a background with the Hex color 90B8B1.



This preview shows how white text looks on a background with the Hex color 90B8B1.

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](#).

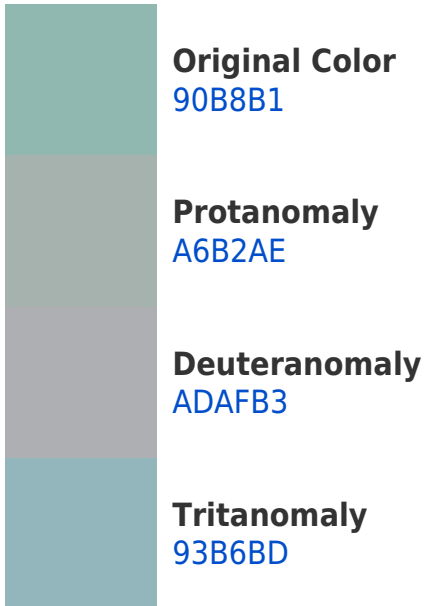
Dichromacy



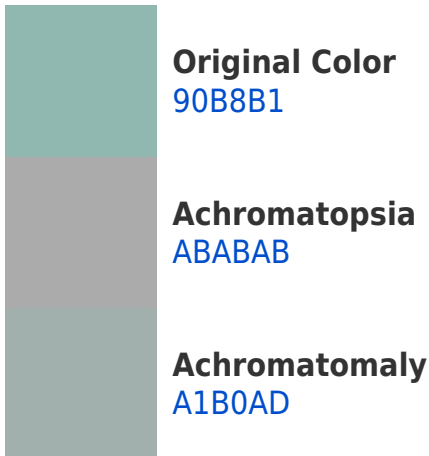


Tritanopia
94B5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B8B1 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 #90B8B1 looks like.

```
.text, #text, p{  
    color:#90B8B1  
}
```

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 #90B8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B8B1
}
```

Border

The CSS property to change the border of an element to Hex 90B8B1 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
#90B8B1 }
```

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

```
.border{ border-color:#90B8B1 }
```

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

Here you see how a box with a 4 pixel #90B8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B8B1; -webkit-box-shadow:4px 4px  
4px 4px #90B8B1; box-shadow:4px 4px 4px  
4px #90B8B1 }
```

Background

The CSS property to change the background color of an element to Hex 90B8B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B8B1 }
```

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

```
.background{ background-color:#90B8B1 }
```

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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