

Converting Colors

Hex(90B7A8)

Have a look what the booklet for
Hex(90B7A8) contains.

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Color

Hex(90B7A8)

Conversions

Conversions Part 1

Format	Color
Hex	90B7A8
RGB	144, 183, 168
RGB Percent	56%, 72%, 66%
CMY	0.4353, 0.2824, 0.3412
CMYK	0.21, 0.00, 0.08, 0.28
HSL	157°, 21%, 64%
HSV	157°, 21%, 72%
XYZ	35.5030, 42.6234, 43.4017
YIQ	169.6290, -18.4290, -12.9330

Conversions

Conversions Part 2

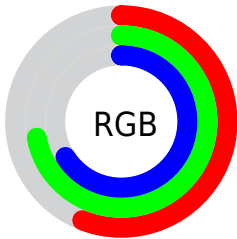
Format	Color
RYB	144, 168, 183
Decimal	9484200
CIELab	71.30, -16.20, 3.32
CIELCh	71, 16.534, 168.400
Yxy	42.6234, 0.2921, 0.3507
Android (android.graphics.Color)	4287674280 (0xFF90B7A8)
YUV	169.6290, -0.8031, -22.4766
Hunter-Lab	65.2866, -17.1830, 6.2854

Details

The Hex color **90B7A8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B7909F**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **C6EFDf**, and **5D8274** is the 20% darker color. If you saturate the color by 10%, you get **7EB7A1**, and if you desaturate by 10%, it is **A2B7AF**.

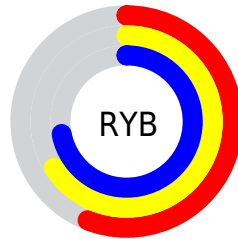
Distribution



Red (56%)

Green (72%)

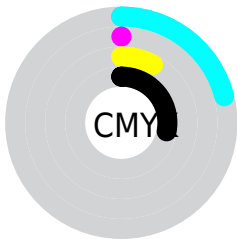
Blue (66%)



Red (56%)

Yellow (66%)

Blue (72%)

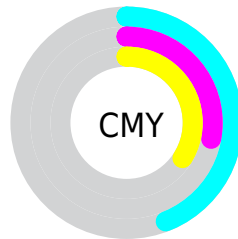


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (28%)



Cyan (44%)

Magenta (28%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B7A8 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 90B7A8 by changing the saturation by 10% instead.

 90B7A8

 90B7A8

FFFFFF

 769C8E

 C6EFDF

 5D8274

 E3FFFC

 44695B

 2D5044

 16392E

 002419

 000900

 000000

 90B7A8

 90B7A8

 7EB7A1

 A2B7AF

 6BB79A

 B5B7B6

 59B793

 C7B7BD

 47B78C

 D9B7C4

 35B785

 ECB7CB

 22B77E

 FEB7D2

 10B777

 FFB7D9

 00B771

 FFB7E0

 FFB7E7

Harmonies

Analogous

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



9FB59A



90B7A8



87B7B7

Triad

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



90B7A8



AAADCB



CBA799

Complementary

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



90B7A8



B7909F

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.



CFA4A6



90B7A8



BCA8C3

Square

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



90B7A8



97B2CC



CAA5B5



C0AC91

Rectangle

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



90B7A8



88B6C1



CAA5B5



CDA69D

Sweetspot

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



90B7A8



DFEDE8



A0B790



6F7875



F7F7F7



787878

Same Dimension

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



90B7A8



AFEDD5



90B3B7



535C58



009C60



001C11

Inverse Universe

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



B7909F



EDAFC7



B79490



5C5356



9C003C



1C000B

Previews

White Background



This preview shows how the Hex color 90B7A8 looks on a white background.

Color Contrast Check

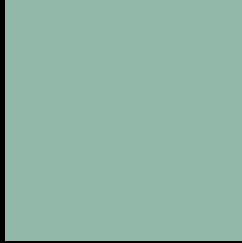
Large Text (above 18pt) WCAG AA × Fail

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 90B7A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

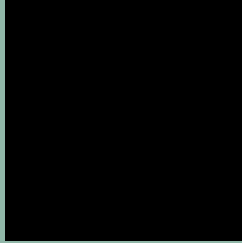
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

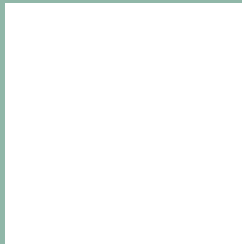
Any Text WCAG AAA ✓ Pass

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

Hex 90B7A8 Background



This preview shows how black text looks on a background with the Hex color 90B7A8.

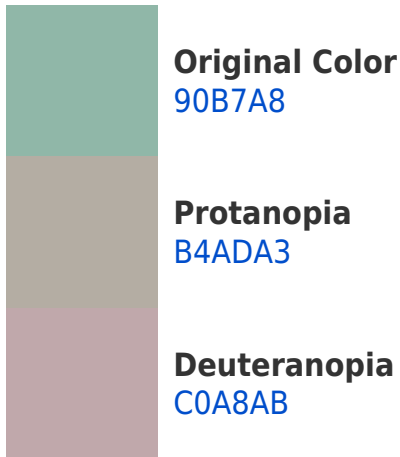


This preview shows how white text looks on a background with the Hex color 90B7A8.

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](#).

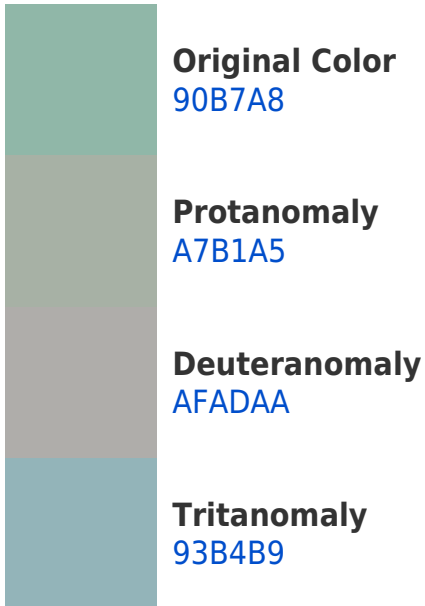
Dichromacy



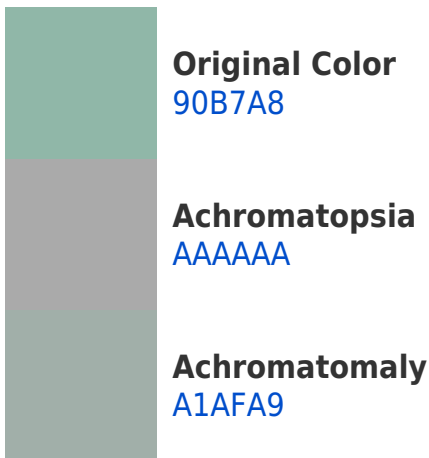


Tritanopia
95B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B7A8 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 #90B7A8 looks like.

```
.text, #text, p{  
    color:#90B7A8  
}
```

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 #90B7A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B7A8
}
```

Border

The CSS property to change the border of an element to Hex 90B7A8 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
#90B7A8 }
```

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

```
.border{ border-color:#90B7A8 }
```

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

Here you see how a box with a 4 pixel #90B7A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B7A8; -webkit-box-shadow:4px 4px  
4px 4px #90B7A8; box-shadow:4px 4px 4px  
4px #90B7A8 }
```

Background

The CSS property to change the background color of an element to Hex 90B7A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B7A8 }
```

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

```
.background{ background-color:#90B7A8 }
```

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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