

Converting Colors

Hex(90B7C8)

Have a look what the booklet for
Hex(90B7C8) contains.

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Color

Hex(90B7C8)

Conversions

Conversions Part 1

Format	Color
Hex	90B7C8
RGB	144, 183, 200
RGB Percent	56%, 72%, 78%
CMY	0.4353, 0.2824, 0.2157
CMYK	0.28, 0.08, 0.00, 0.22
HSL	198°, 34%, 67%
HSV	198°, 28%, 78%
XYZ	38.8604, 43.9664, 61.0818
YIQ	173.2770, -28.7010, -2.9810

Conversions

Conversions Part 2

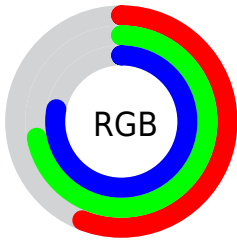
Format	Color
RYB	144, 167, 200
Decimal	9484232
CIELab	72.21, -9.10, -12.87
CIELCh	72, 15.759, 234.744
Yxy	43.9664, 0.2700, 0.3055
Android (android.graphics.Color)	4287674312 (0xFF90B7C8)
YUV	173.2770, 13.1744, -25.6759
Hunter-Lab	66.3072, -11.4246, -8.2026

Details

The Hex color **90B7C8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C8A190**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C7EFFF**, and **5C8292** is the 20% darker color. If you saturate the color by 10%, you get **7CB1C8**, and if you desaturate by 10%, it is **A4BDC8**.

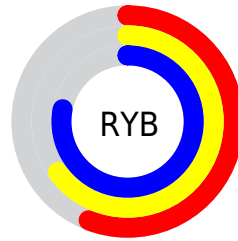
Distribution



Red (56%)

Green (72%)

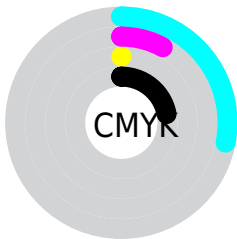
Blue (78%)



Red (56%)

Yellow (65%)

Blue (78%)

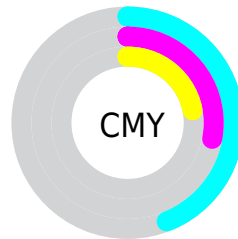


Cyan (28%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B7C8 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 90B7C8 by changing the saturation by 10% instead.

■ 90B7C8

■ 90B7C8

FFFFFF

■ 769CAD

■ C7EFFF

■ 5C8292

■ E3FFFF

■ 436978

■ 2A5160

■ 0F3A48

■ 002431

■ 000F1D

■ 000000

■ 90B7C8

■ 90B7C8

7CB1C8

A4BDC8

68ABC8

B8C3C8

54A5C8

CCC9C8

409FC8

E0CFC8

2C99C8

F4D5C8

1893C8

FFDBC8

048DC8

FFE1C8

008BC8

FFE8C8

FFEEC8

Harmonies

Analogous

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



8BB9BC



90B7C8



9EB3CD

Triad

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



90B7C8



CDA7B4



B0B497

Complementary

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



90B7C8



C8A190

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.



BFAF95



90B7C8



D0A8A6

Square

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



90B7C8



C2AAC2



CBAB9A



9FB7A0

Rectangle

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



90B7C8



AAB0CD



CBAB9A



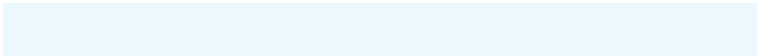
B5B295

Sweetspot

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



90B7C8



EBF9FF



90C8A1



737C80



000000



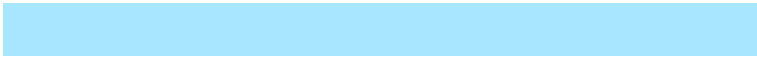
808080

Same Dimension

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



90B7C8



A8E5FF



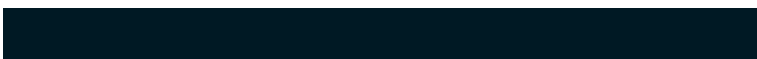
909BC8



5A6063



0072A3



001924

Inverse Universe

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



C890B7



FFA8E5



C8BD90



635A60



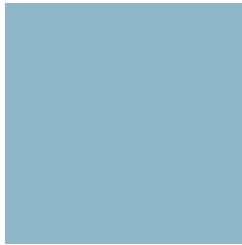
A30072



240019

Previews

White Background



This preview shows how the Hex color 90B7C8 looks on a white background.

Color Contrast Check

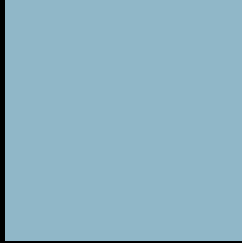
Large Text (above 18pt) WCAG AA × Fail

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 90B7C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

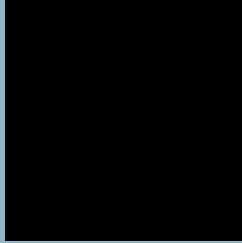
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

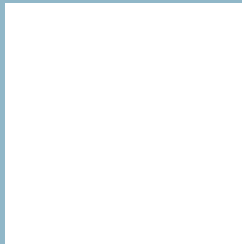
Any Text WCAG AAA ✓ Pass

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

Hex 90B7C8 Background



This preview shows how black text looks on a background with the Hex color 90B7C8.

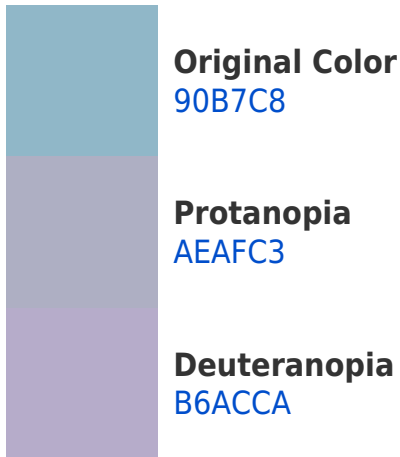


This preview shows how white text looks on a background with the Hex color 90B7C8.

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](#).

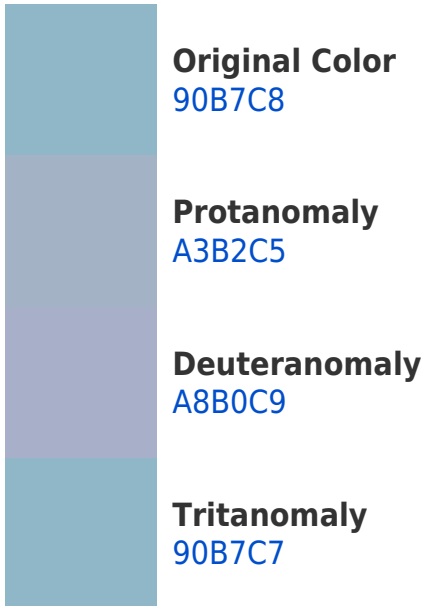
Dichromacy



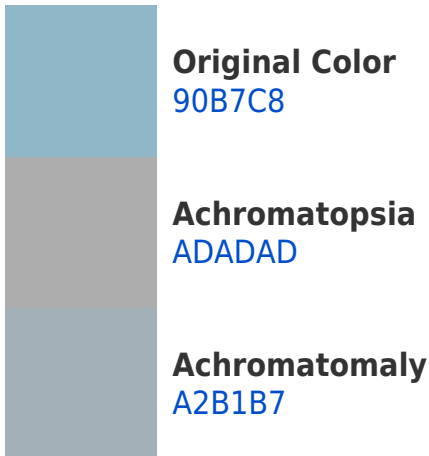


Tritanopia
90B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B7C8 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 #90B7C8 looks like.

```
.text, #text, p{  
    color:#90B7C8  
}
```

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 #90B7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B7C8
}
```

Border

The CSS property to change the border of an element to Hex 90B7C8 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
#90B7C8 }
```

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

```
.border{ border-color:#90B7C8 }
```

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

Here you see how a box with a 4 pixel #90B7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B7C8; -webkit-box-shadow:4px 4px  
4px 4px #90B7C8; box-shadow:4px 4px 4px  
4px #90B7C8 }
```

Background

The CSS property to change the background color of an element to Hex 90B7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B7C8 }
```

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

```
.background{ background-color:#90B7C8 }
```

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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