

Converting Colors

Hex(90BFC3)

Have a look what the booklet for
Hex(90BFC3) contains.

Hex(90BFC3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90BFC3)

Conversions

Conversions Part 1

Format	Color
Hex	90BFC3
RGB	144, 191, 195
RGB Percent	56%, 75%, 76%
CMY	0.4353, 0.2510, 0.2353
CMYK	0.26, 0.02, 0.00, 0.24
HSL	185°, 30%, 66%
HSV	185°, 26%, 76%
XYZ	39.9827, 47.1310, 58.6196
YIQ	177.4030, -29.2960, -8.7200

Conversions

Conversions Part 2

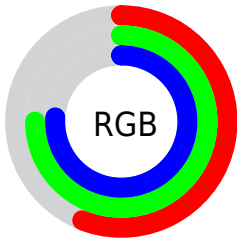
Format	Color
RYB	144, 168, 195
Decimal	9486275
CIELab	74.27, -14.47, -7.06
CIELCh	74, 16.099, 206.000
Yxy	47.1310, 0.2744, 0.3234
Android (android.graphics.Color)	4287676355 (0xFF90BFC3)
YUV	177.4030, 8.6753, -29.2944
Hunter-Lab	68.6520, -16.1832, -2.5693

Details

The Hex color **90BFC3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C39490**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C7F7FC**, and **5C8A8D** is the 20% darker color. If you saturate the color by 10%, you get **7DBDC3**, and if you desaturate by 10%, it is **A3C1C3**.

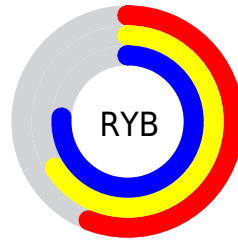
Distribution



Red (56%)

Green (75%)

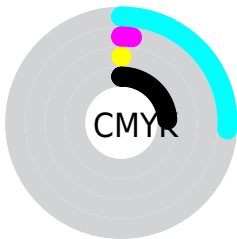
Blue (76%)



Red (56%)

Yellow (66%)

Blue (76%)

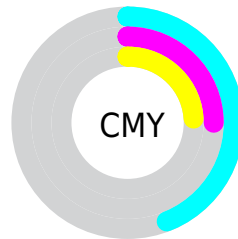


Cyan (26%)

Magenta (2%)

Yellow (0%)

Black (24%)



Cyan (44%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BFC3 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 90BFC3 by changing the saturation by 10% instead.

 90BFC3

 90BFC3

FFFFFF

 76A4A8

 C7F7FC

 5C8A8D

 E3FFFF

 437074

 2A575B

 0E4044

 002A2E

 001719

 000000

 90BFC3

 90BFC3

7DBDC3

A3C1C3

69BCC3

B7C2C3

56BAC3

CBC4C3

42B9C3

DEC5C3

2FB7C3

F2C7C3

1BB6C3

FFC8C3

08B4C3

FFCAC3

00B4C3

FFCBC3

FFCDC3

Harmonies

Analogous

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



96BFB4



90BFC3



95BDCF

Triad

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



90BFC3



C8AFC7



C5B599

Complementary

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



90BFC3



C39490

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.



D1B09F



90BFC3



D3ADB9

Square

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



90BFC3



B7B4D1



D6ADAA



B4BA9C

Rectangle

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



90BFC3



9EBAD3



D6ADAA



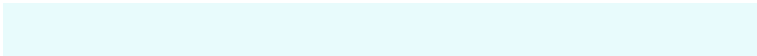
C9B39A

Sweetspot

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



90BFC3



E8FBFC



90C393



737F80



000000



808080

Same Dimension

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



90BFC3



AEF6FC



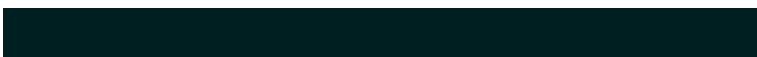
90A6C3



576061



0094A1



001F21

Inverse Universe

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



C390BF



FCAEF6



C3AD90



615760



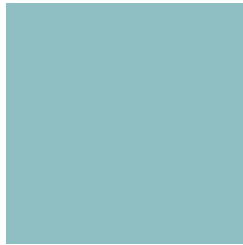
A10094



21001F

Previews

White Background



This preview shows how the Hex color 90BFC3 looks on a white background.

Color Contrast Check

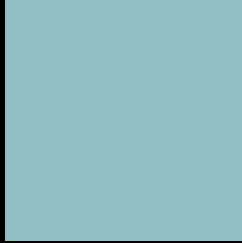
Large Text (above 18pt) WCAG AA × Fail

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 90BFC3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

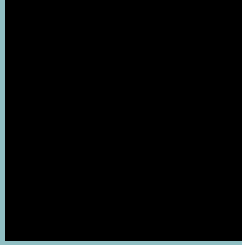
Any Text WCAG AA ✓ Pass

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 90BFC3 Background



This preview shows how black text looks on a background with the Hex color 90BFC3.

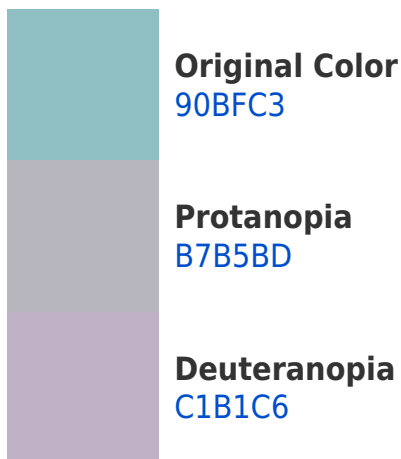


This preview shows how white text looks on a background with the Hex color 90BFC3.

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](#).

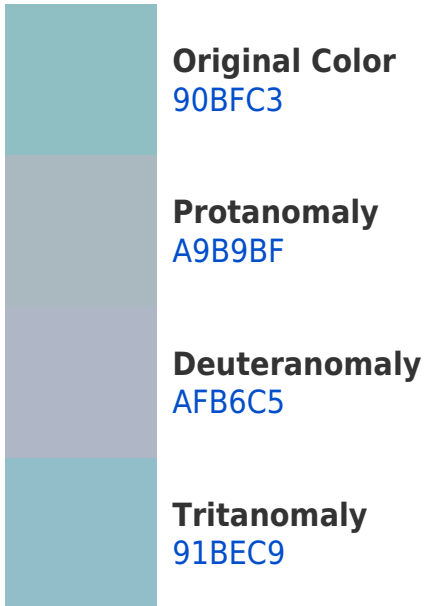
Dichromacy



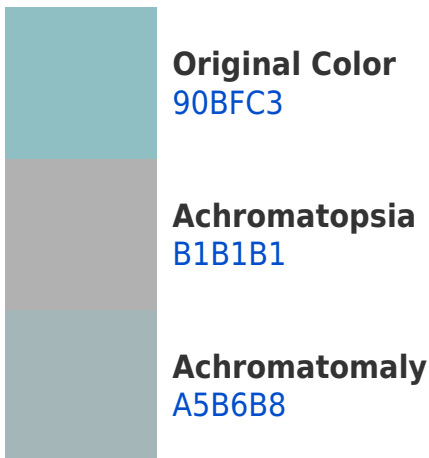


Tritanopia
92BDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BFC3 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 #90BFC3 looks like.

```
.text, #text, p{  
    color:#90BFC3  
}
```

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 #90BFC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BFC3
}
```

Border

The CSS property to change the border of an element to Hex 90BFC3 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
#90BFC3 }
```

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

```
.border{ border-color:#90BFC3 }
```

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

Here you see how a box with a 4 pixel #90BFC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BFC3; -webkit-box-shadow:4px 4px  
4px 4px #90BFC3; box-shadow:4px 4px 4px  
4px #90BFC3 }
```

Background

The CSS property to change the background color of an element to Hex 90BFC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BFC3 }
```

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

```
.background{ background-color:#90BFC3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor