

Converting Colors

Hex(90BEA4)

Have a look what the booklet for
Hex(90BEA4) contains.

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Color

Hex(90BEA4)

Conversions

Conversions Part 1

Format	Color
Hex	90BEA4
RGB	144, 190, 164
RGB Percent	56%, 75%, 64%
CMY	0.4353, 0.2549, 0.3569
CMYK	0.24, 0.00, 0.14, 0.25
HSL	146°, 26%, 65%
HSV	146°, 24%, 75%
XYZ	36.6159, 45.4365, 41.9622
YIQ	173.2820, -19.0700, -17.8380

Conversions

Conversions Part 2

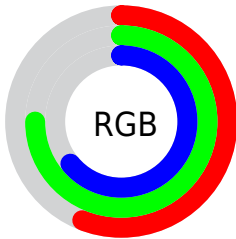
Format	Color
RYB	144, 176, 190
Decimal	9485988
CIELab	73.18, -20.57, 8.21
CIELCh	73, 22.153, 158.243
Yxy	45.4365, 0.2953, 0.3664
Android (android.graphics.Color)	4287676068 (0xFF90BEA4)
YUV	173.2820, -4.5760, -25.6803
Hunter-Lab	67.4066, -20.9988, 10.2752

Details

The Hex color **90BEA4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE90AA**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **C7F6DB**, and **5C8870** is the 20% darker color. If you saturate the color by 10%, you get **7DBE99**, and if you desaturate by 10%, it is **A3BEAF**.

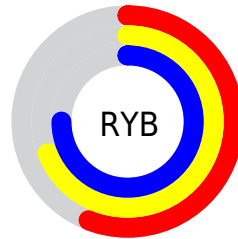
Distribution



Red (56%)

Green (75%)

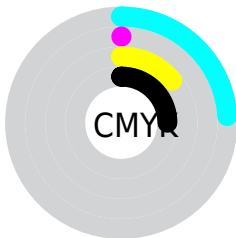
Blue (64%)



Red (56%)

Yellow (69%)

Blue (75%)

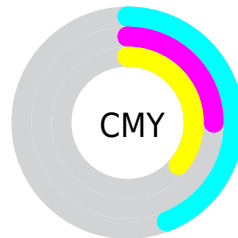


Cyan (24%)

Magenta (0%)

Yellow (14%)

Black (25%)



Cyan (44%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BEA4 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 90BEA4 by changing the saturation by 10% instead.



90BEA4



90BEA4

FFFFFF



76A38A



C7F6DB



5C8870



E3FFF7



446F58



2C5640



143F2A



002916



001300



000000



90BEA4



90BEA4

 7DBE99

 A3BEAF

 6ABE8F


 B6BEB9

 57BE84

 C9BEC4

 44BE79

 DCBECF

 31BE6E

 EFBEDA

 1EBE64

 FFBEE4

 0BBE59

 FFBEEF

 00BE53

 FFBefa

 FFBEFF

Harmonies

Analogous

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



A7BA93



90BEA4



7FBFB9

Triad

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



90BEA4



A3B4DB



DCA89B

Complementary

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



90BEA4



BE90AA

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.



DDA5AF



90BEA4



BEADD4

Square

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



90BEA4



8ABAD9



D3A7C3



D0AD8F

Rectangle

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



90BEA4



7BBFC6



D3A7C3



DDA6A1

Sweetspot

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



90BEA4



E6F7EE



AABE90



737D77



FCFCFC



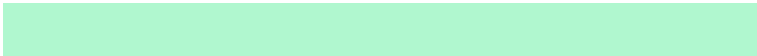
7D7D7D

Same Dimension

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



90BEA4



B0F7CF



90BEBB



555E59



009E45



001F0D

Inverse Universe

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



BE90AA



F7B0D8



BE9093



5E555A



9E0059



1F0011

Previews

White Background



This preview shows how the Hex color 90BEA4 looks on a white background.

Color Contrast Check

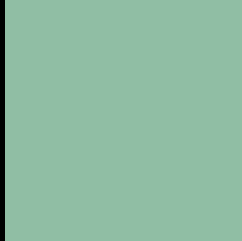
Large Text (above 18pt) WCAG AA × Fail

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 90BEA4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

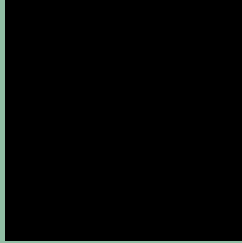
Any Text WCAG AA ✓ Pass

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 90BEA4 Background



This preview shows how black text looks on a background with the Hex color 90BEA4.

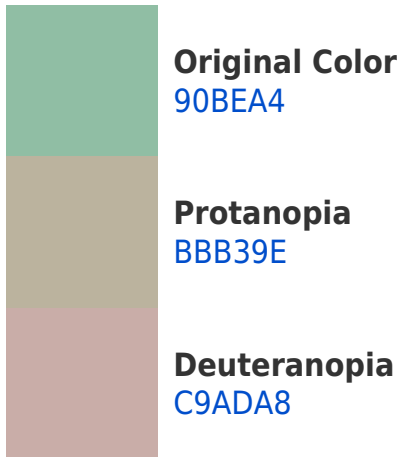


This preview shows how white text looks on a background with the Hex color 90BEA4.

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](#).

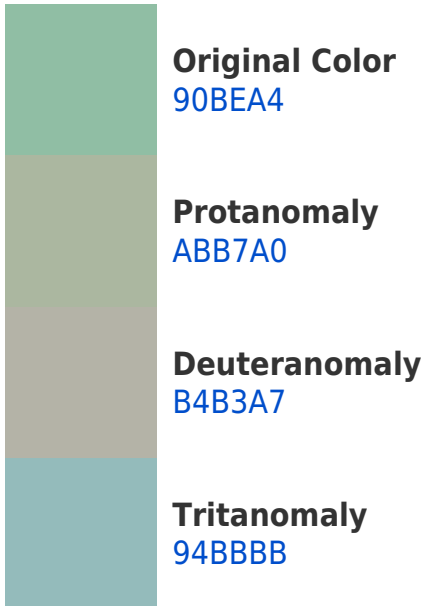
Dichromacy



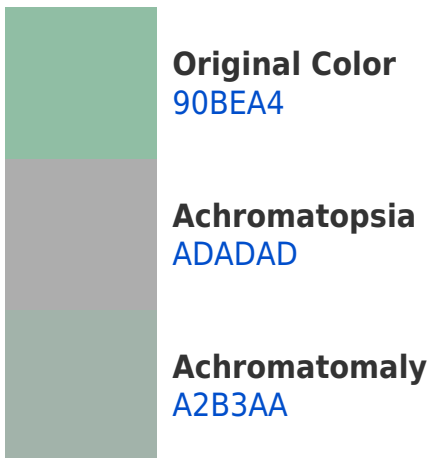


Tritanopia
97B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90BEA4 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 #90BEA4 looks like.

```
.text, #text, p{  
    color:#90BEA4  
}
```

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 #90BEA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BEA4
}
```

Border

The CSS property to change the border of an element to Hex 90BEA4 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
#90BEA4 }
```

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

```
.border{ border-color:#90BEA4 }
```

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

Here you see how a box with a 4 pixel #90BEA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BEA4; -webkit-box-shadow:4px 4px  
4px 4px #90BEA4; box-shadow:4px 4px 4px  
4px #90BEA4 }
```

Background

The CSS property to change the background color of an element to Hex 90BEA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BEA4 }
```

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

```
.background{ background-color:#90BEA4 }
```

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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