

# Converting Colors

Hex(90BE93)

Have a look what the booklet for  
Hex(90BE93) contains.

<b>Hex(90BE93)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(90BE93)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90BE93
RGB	144, 190, 147
RGB Percent	56%, 75%, 58%
CMY	0.4353, 0.2549, 0.4235
CMYK	0.24, 0.00, 0.23, 0.25
HSL	124°, 26%, 65%
HSV	124°, 24%, 75%
XYZ	35.1815, 44.8628, 34.4089
YIQ	171.3440, -13.6130, -23.1250

# Conversions

## Conversions Part 2

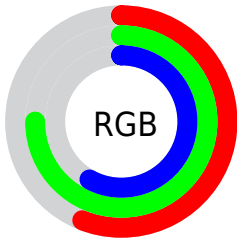
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 187, 190</a>
Decimal	<a href="#">9485971</a>
CIELab	<a href="#">72.80, -23.76, 16.88</a>
CIELCh	<a href="#">73, 29.148, 144.617</a>
Yxy	<a href="#">44.8628, 0.3074, 0.3920</a>
Android (android.graphics.Color)	<a href="#">4287676051 (0xFF90BE93)</a>
YUV	<a href="#">171.3440, -12.0016, -23.9807</a>
Hunter-Lab	<a href="#">66.9797, -23.4562, 16.4273</a>

# Details

The Hex color **90BE93** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE90BB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **C7F6C9**, and **5C8860** is the 20% darker color. If you saturate the color by 10%, you get **7DBE81**, and if you desaturate by 10%, it is **A3BEA5**.

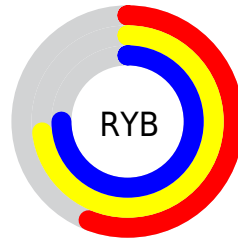
# Distribution



Red (56%)

Green (75%)

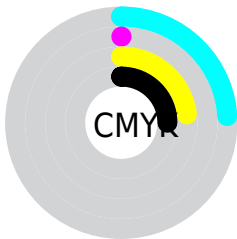
Blue (58%)



Red (56%)

Yellow (73%)

Blue (75%)

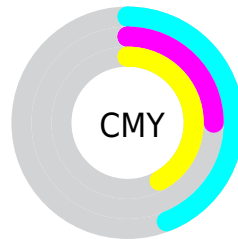


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (25%)



Cyan (44%)

Magenta (25%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90BE93 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 90BE93 by changing the saturation by 10% instead.



 90BE93

 90BE93

FFFFFF

 76A379

 C7F6C9

 5C8860

 E3FFE5

 446F48

 2C5632

 143F1C

 002804

 001100

 000000

 90BE93

 90BE93

 7DBE81

 A3BEA5

 6ABE6F

 B6BEB7

 57BE5E

 C9BEC8

 44BE4C

 DCBEDA

 31BE3A

 EFBEEC

 1EBE28

 FFBEFE

 0BBE17

 FFBEFF

 00BE0C

# Harmonies

## Analogous

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



AFB882



90BE93



73C1AD

# Triad

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



90BE93



8AB7E7



E8A09E

# Complementary

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



90BE93



BE90BB

# 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.



E49FB9



90BE93



B0ADE3

# Square

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



90BE93



69BEDD



D0A5D2



DFA688

# Rectangle

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



90BE93



64C2BF



D0A5D2



E89FA6



# Sweetspot

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



90BE93



E6F7E7



BCBE90



737D74



FCFCFC



7D7D7D

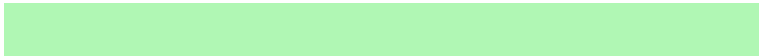


# Same Dimension

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



90BE93



B0F7B4



90BEA9



555E56



009E0A



001F02



# Inverse Universe

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



BE90BB



F7B0F3



BE90A5



5E555E



9E0094



1F001D



# Previews

## White Background



This preview shows how the Hex color 90BE93 looks on a white background.

## Color Contrast Check

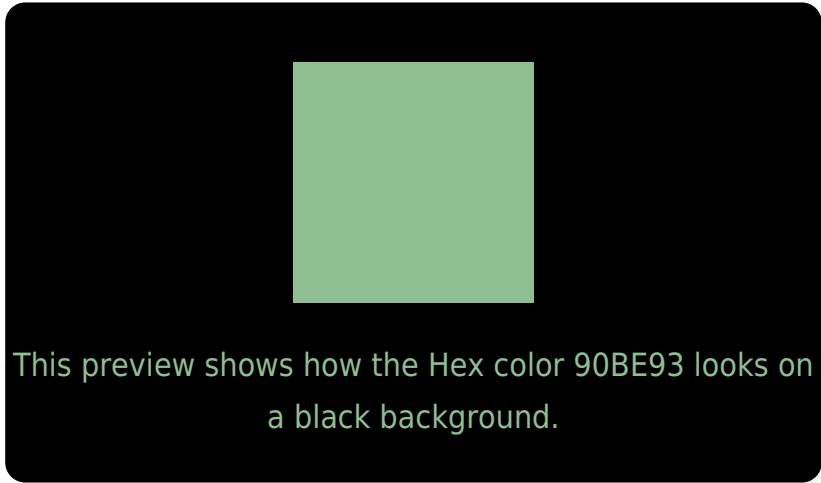
Large Text (above 18pt) WCAG AA × Fail

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

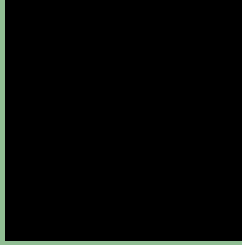
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90BE93 Background



This preview shows how black text looks on a background with the Hex color 90BE93.

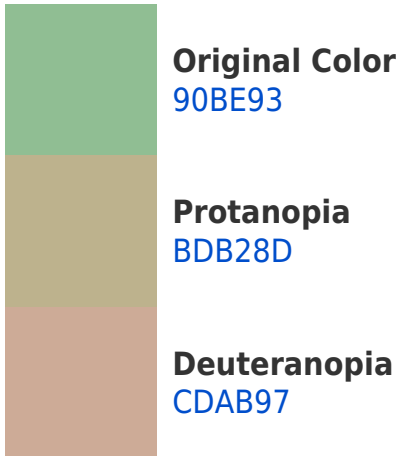


This preview shows how white text looks on a background with the Hex color 90BE93.

# 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](#).

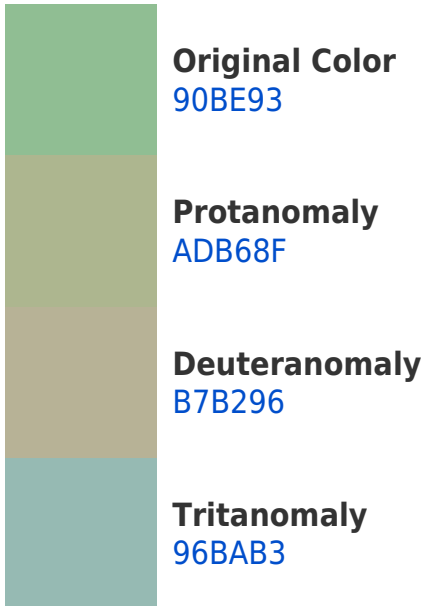
## Dichromacy



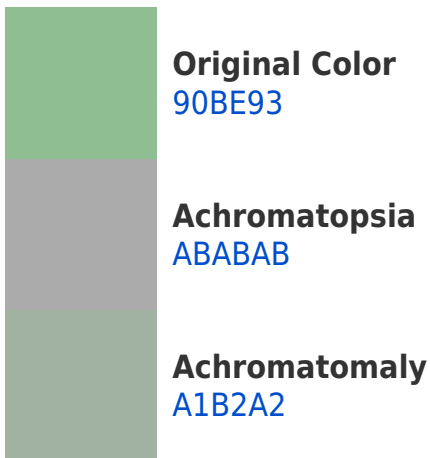


**Tritanopia**  
99B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90BE93 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 #90BE93 looks like.

```
.text, #text, p{  
    color:#90BE93  
}
```

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 #90BE93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BE93  
}
```

## Border

The CSS property to change the border of an element to Hex 90BE93 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  
#90BE93 }
```

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

```
.border{ border-color:#90BE93 }
```

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

Here you see how a box with a 4 pixel #90BE93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BE93; -webkit-box-shadow:4px 4px  
4px 4px #90BE93; box-shadow:4px 4px 4px  
4px #90BE93 }
```

# Background

The CSS property to change the background color of an element to Hex 90BE93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BE93 }
```

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

```
.background{ background-color:#90BE93 }
```

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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