

# Converting Colors

Hex(90BBC6)

Have a look what the booklet for  
Hex(90BBC6) contains.

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# **Color**

**Hex(90BBC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90BBC6
RGB	144, 187, 198
RGB Percent	56%, 73%, 78%
CMY	0.4353, 0.2667, 0.2235
CMYK	0.27, 0.06, 0.00, 0.22
HSL	192°, 32%, 67%
HSV	192°, 27%, 78%
XYZ	39.4650, 45.5472, 60.1375
YIQ	175.3970, -29.1590, -5.6950

# Conversions

## Conversions Part 2

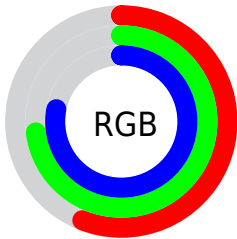
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 168, 198
Decimal	9485254
CIELab	73.25, -11.69, -10.21
CIElCh	73, 15.519, 221.154
Yxy	45.5472, 0.2719, 0.3138
Android (android.graphics.Color)	4287675334 (0xFF90BBC6)
YUV	175.3970, 11.1433, -27.5352
Hunter-Lab	67.4886, -13.7246, -5.5899

# Details

The Hex color **90BBC6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C69B90**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **C7F3FF**, and **5C8690** is the 20% darker color. If you saturate the color by 10%, you get **7CB7C6**, and if you desaturate by 10%, it is **A4BFC6**.

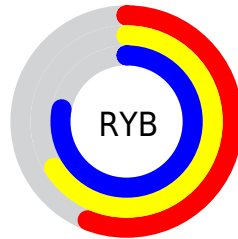
# Distribution



Red (56%)

Green (73%)

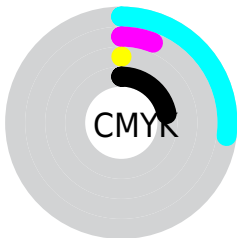
Blue (78%)



Red (56%)

Yellow (66%)

Blue (78%)

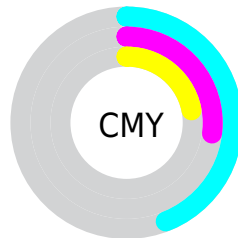


Cyan (27%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (27%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90BBC6 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 90BBC6 by changing the saturation by 10% instead.



 90BBC6

 90BBC6

FFFFFF

 76A0AB

 C7F3FF

 5C8690

 E3FFFF

 436C77

 2A545E

 0F3D46

 002730

 00131B

 000000

 90BBC6

 90BBC6

7CB7C6

A4BFC6

68B3C6

B8C3C6

55AFC6

CBC7C6

41ABC6

DFCBC6

2DA7C6

F3CFC6

19A3C6

FFD3C6

059FC6

FFD7C6

009EC6

FFDBC6

FFDFC6

# Harmonies

## Analogous

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



90BCB9



90BBC6



9AB8CE

# Triad

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



90BBC6



CBABBD



BAB598

# Complementary

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



90BBC6



C69B90

# 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.



C8B099



90BBC6



D2AAAF

# Square

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



90BBC6



BDAFC9



D0ACA2



A9B99E

# Rectangle

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



90BBC6



A5B5D0



D0ACA2



BFB398

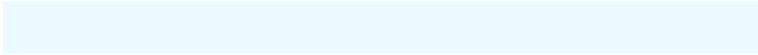


# Sweetspot

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



90BBC6



EBFBFF



90C69B



737D80



000000



808080

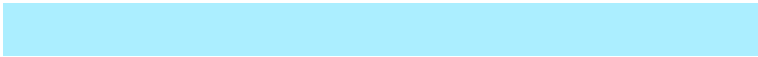


# Same Dimension

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



90BBC6



ABEEFF



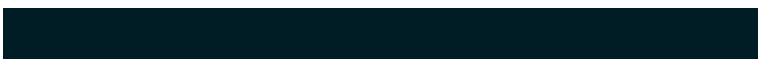
90A0C6



5A6163



0082A3



001C24



# Inverse Universe

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



C690BB



FFABEE



C6B690



635A61



A30082



24001C



# Previews

## White Background



This preview shows how the Hex color 90BBC6 looks on a white background.

## Color Contrast Check

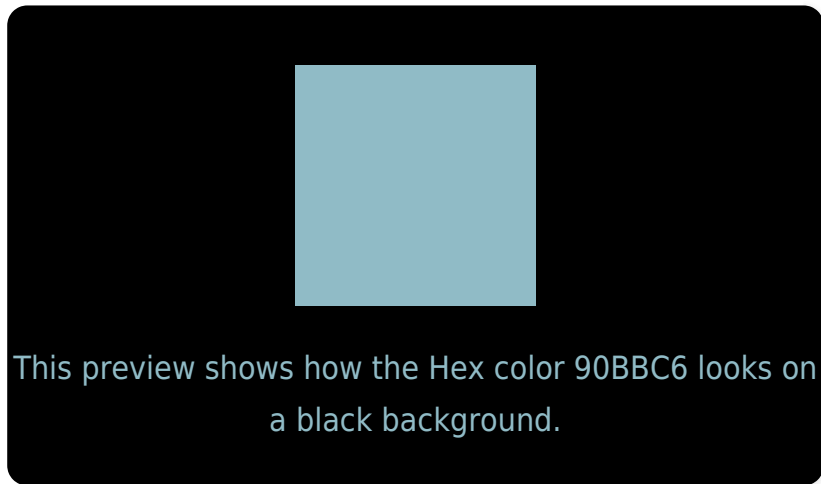
Large Text (above 18pt) WCAG AA × Fail

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

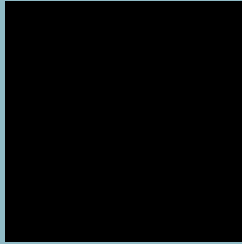
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90BBC6 Background



This preview shows how black text looks on a background with the Hex color 90BBC6.

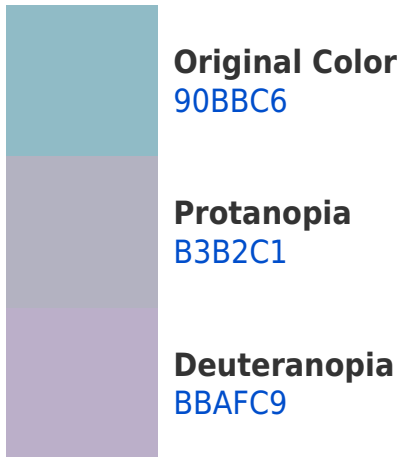


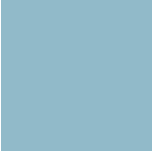
This preview shows how white text looks on a background with the Hex color 90BBC6.

# 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](#).

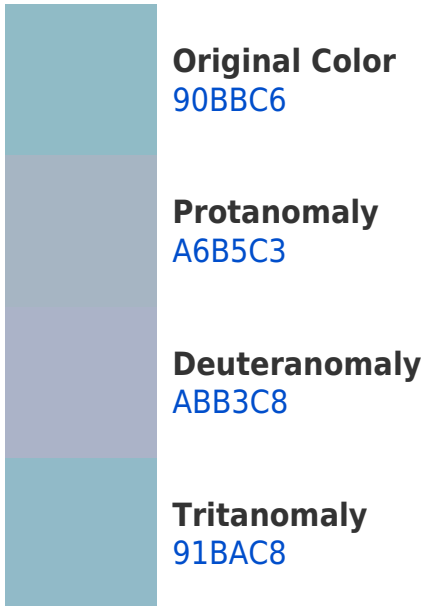
## Dichromacy



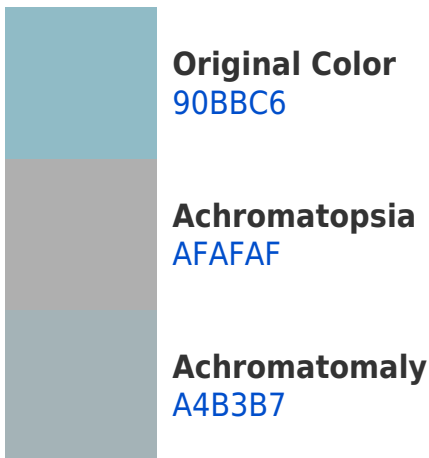


**Tritanopia**  
91BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90BBC6 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 #90BBC6 looks like.

```
.text, #text, p{  
    color:#90BBC6  
}
```

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 #90BBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BBC6
}
```

## Border

The CSS property to change the border of an element to Hex 90BBC6 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
#90BBC6 }
```

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

```
.border{ border-color:#90BBC6 }
```

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

Here you see how a box with a 4 pixel #90BBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BBC6; -webkit-box-shadow:4px 4px  
4px 4px #90BBC6; box-shadow:4px 4px 4px  
4px #90BBC6 }
```

# Background

The CSS property to change the background color of an element to Hex 90BBC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BBC6 }
```

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

```
.background{ background-color:#90BBC6 }
```

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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