

# Converting Colors

Hex(90D5BC)

Have a look what the booklet for  
Hex(90D5BC) contains.

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**Color**

**Hex(90D5BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90D5BC
RGB	144, 213, 188
RGB Percent	56%, 84%, 74%
CMY	0.4353, 0.1647, 0.2627
CMYK	0.32, 0.00, 0.12, 0.16
HSL	158°, 45%, 70%
HSV	158°, 32%, 84%
XYZ	44.3729, 57.1486, 56.2690
YIQ	189.5190, -33.0990, -22.4030

# Conversions

## Conversions Part 2

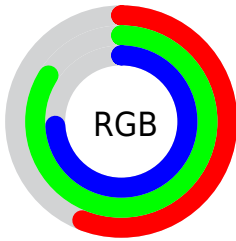
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 186, 213
Decimal	9491900
CIELab	80.26, -27.05, 5.47
CIELCh	80, 27.596, 168.559
Yxy	57.1486, 0.2812, 0.3622
Android (android.graphics.Color)	4287681980 (0xFF90D5BC)
YUV	189.5190, -0.7489, -39.9202
Hunter-Lab	75.5967, -27.5202, 8.7863

# Details

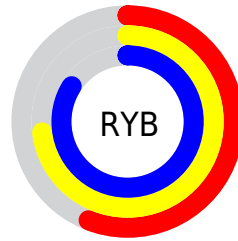
The Hex color **90D5BC** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D590A9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C8FFF4**, and **5B9E87** is the 20% darker color. If you saturate the color by 10%, you get **7BD5B4**, and if you desaturate by 10%, it is **A5D5C4**.

# Distribution



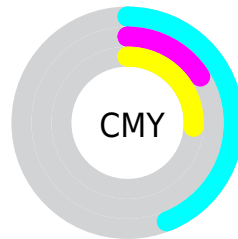
- Red (56%)
- Green (84%)
- Blue (74%)



- Red (56%)
- Yellow (73%)
- Blue (84%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90D5BC 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 90D5BC by changing the saturation by 10% instead.



 90D5BC

FFFFFF

 C8FFF4

 E4FFFF

 90D5BC

 75B9A1

 5B9E87

 41846E

 266A55

 03523E

 003A28

 002414

 000200

 000000

 90D5BC

 90D5BC

 7BD5B4

 A5D5C4

 65D5AD

 BBD5CB

 50D5A5

 D0D5D3

 3BD59D

 E5D5DB

 26D595

 FBD5E3

 10D58E

 FFD5EA

 00D588

 FFD5F2

 FFD5FA

 FFD5FF

# Harmonies

## Analogous

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



ACD1A4



90D5BC



7ED6D7

# Triad

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



90D5BC



BEC4F8



F5BAA2

# Complementary

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



90D5BC



D590A9

# 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.



FCB5B8



90D5BC



DEBBE9

# Square

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



90D5BC



9ACCF9



F4B5D2



E3C295

# Rectangle

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



90D5BC



7DD4E6



F4B5D2



F9B8A8

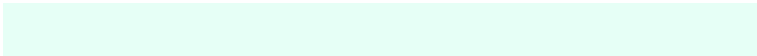


# Sweetspot

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



90D5BC



E6FFF6



A9D590



70807A



000000



808080



# Same Dimension

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



90D5BC



9CFFDB



90CCD5



606B67



00AB6D



002B1C



# Inverse Universe

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



D590A9



FF9CC0



D59990



6B6064



AB003E

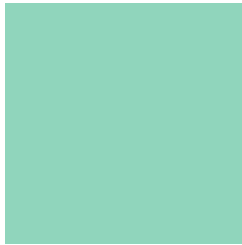


2B0010



# Previews

## White Background



This preview shows how the Hex color 90D5BC looks on a white background.

## Color Contrast Check

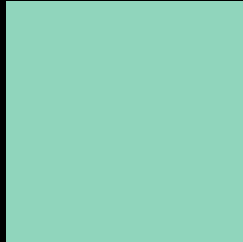
Large Text (above 18pt) WCAG AA × Fail

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 90D5BC 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 90D5BC Background



This preview shows how black text looks on a background with the Hex color 90D5BC.



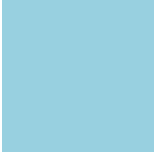
This preview shows how white text looks on a background with the Hex color 90D5BC.

# 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](#).

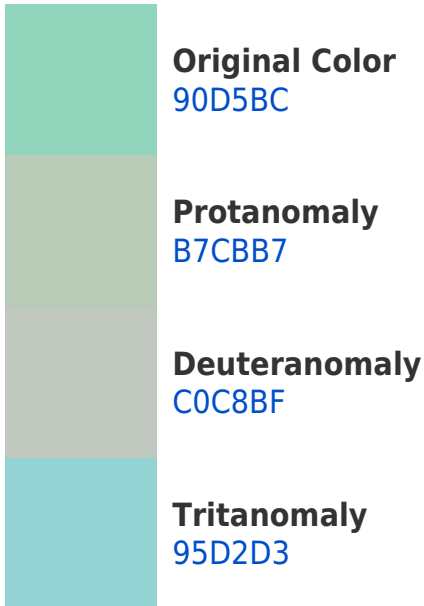
## Dichromacy



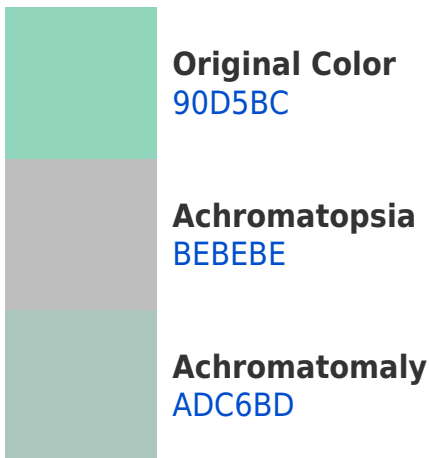


**Tritanopia**  
98D0E0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90D5BC 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 #90D5BC looks like.

```
.text, #text, p{  
    color:#90D5BC  
}
```

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 #90D5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D5BC
}
```

## Border

The CSS property to change the border of an element to Hex 90D5BC 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
#90D5BC }
```

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

```
.border{ border-color:#90D5BC }
```

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

Here you see how a box with a 4 pixel #90D5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D5BC; -webkit-box-shadow:4px 4px  
4px 4px #90D5BC; box-shadow:4px 4px 4px  
4px #90D5BC }
```

# Background

The CSS property to change the background color of an element to Hex 90D5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D5BC }
```

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

```
.background{ background-color:#90D5BC }
```

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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