

# Converting Colors

Hex(90D4B9)

Have a look what the booklet for  
Hex(90D4B9) contains.

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# **Color**

**Hex(90D4B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90D4B9
RGB	144, 212, 185
RGB Percent	56%, 83%, 73%
CMY	0.4353, 0.1686, 0.2745
CMYK	0.32, 0.00, 0.13, 0.17
HSL	156°, 44%, 70%
HSV	156°, 32%, 83%
XYZ	43.8020, 56.5190, 54.4996
YIQ	188.5900, -31.8610, -22.8130

# Conversions

## Conversions Part 2

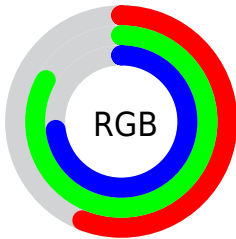
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 186, 212
Decimal	9491641
CIELab	79.91, -27.19, 6.56
CIELCh	80, 27.970, 166.430
Yxy	56.5190, 0.2829, 0.3651
Android (android.graphics.Color)	4287681721 (0xFF90D4B9)
YUV	188.5900, -1.7699, -39.1054
Hunter-Lab	75.1791, -27.5631, 9.6443

# Details

The Hex color **90D4B9** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D490AB**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C8FFF1**, and **5B9D84** is the 20% darker color. If you saturate the color by 10%, you get **7BD4B1**, and if you desaturate by 10%, it is **A5D4C1**.

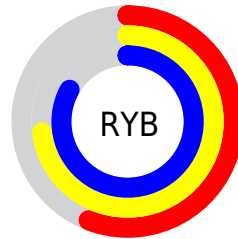
# Distribution



Red (56%)

Green (83%)

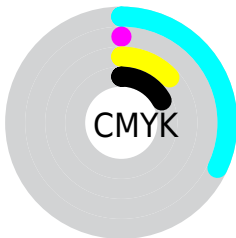
Blue (73%)



Red (56%)

Yellow (73%)

Blue (83%)

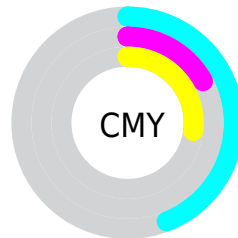


Cyan (32%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (44%)

Magenta (17%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90D4B9 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 90D4B9 by changing the saturation by 10% instead.



 90D4B9

 90D4B9

FFFFFF

 75B89E

 C8FFF1

 5B9D84

 E4FFFF

 41836B

 266953

 04513C

 003926

 002411

 000000

 90D4B9

 90D4B9

 7BD4B1

 A5D4C1

 66D4A8

 BAD4CA

 50D4A0


 D0D4D2

 3BD497

 E5D4DB

 26D48F

 FAD4E3

 11D486

 FFD4EC

 00D480

 FFD4F4

 FFD4FC

 FFD4FF

# Harmonies

## Analogous

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



ADD0A2



90D4B9



7CD5D4

# Triad

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



90D4B9



BAC4F8



F6B8A1

# Complementary

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



90D4B9



D490AB

# 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.



FBB4B9



90D4B9



DCBBEA

# Square

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



90D4B9



96CCF8



F3B4D3



E4C094

# Rectangle

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



90D4B9



7AD3E4



F3B4D3



F9B6A8

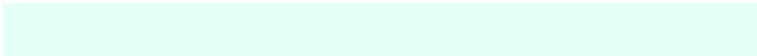


# Sweetspot

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



90D4B9



E6FFF5



ABD490



708079



000000



808080

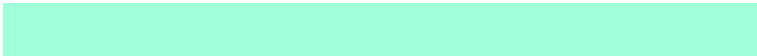


# Same Dimension

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



90D4B9



9EFFD9



90CDD4



606B67



00AB67



002B1A



# Inverse Universe

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



D490AB



FF9EC5



D49790



6B6065



AB0044

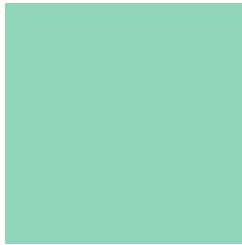


2B0011



# Previews

## White Background



This preview shows how the Hex color 90D4B9 looks on a white background.

## Color Contrast Check

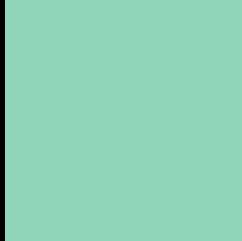
Large Text (above 18pt) WCAG AA × Fail

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 90D4B9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

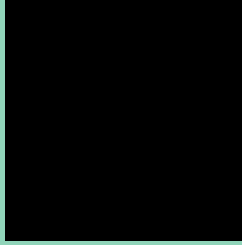
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

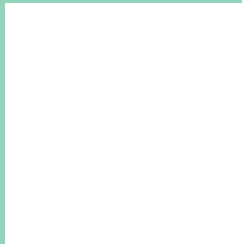
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90D4B9 Background



This preview shows how black text looks on a background with the Hex color 90D4B9.

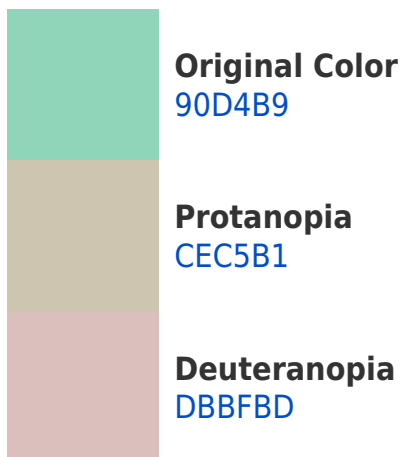


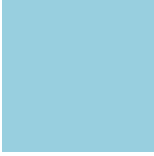
This preview shows how white text looks on a background with the Hex color 90D4B9.

# 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**  
98CFDF

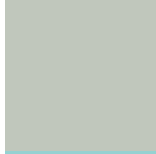
# Trichromacy



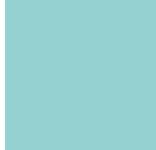
**Original Color**  
90D4B9



**Protanomaly**  
B7CAB4



**Deuteranomaly**  
C0C7BC

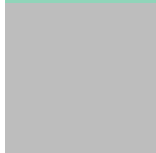


**Tritanomaly**  
95D1D1

# Monochromacy



**Original Color**  
90D4B9



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
ADC5BC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90D4B9 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 #90D4B9 looks like.

```
.text, #text, p{  
    color:#90D4B9  
}
```

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 #90D4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D4B9
}
```

## Border

The CSS property to change the border of an element to Hex 90D4B9 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
#90D4B9 }
```

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

```
.border{ border-color:#90D4B9 }
```

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

Here you see how a box with a 4 pixel #90D4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D4B9; -webkit-box-shadow:4px 4px  
4px 4px #90D4B9; box-shadow:4px 4px 4px  
4px #90D4B9 }
```

# Background

The CSS property to change the background color of an element to Hex 90D4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D4B9 }
```

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

```
.background{ background-color:#90D4B9 }
```

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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