

# Converting Colors

Hex(90D2D8)

Have a look what the booklet for  
Hex(90D2D8) contains.

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# **Color**

**Hex(90D2D8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90D2D8
RGB	144, 210, 216
RGB Percent	56%, 82%, 85%
CMY	0.4353, 0.1765, 0.1529
CMYK	0.33, 0.03, 0.00, 0.15
HSL	185°, 48%, 71%
HSV	185°, 33%, 85%
XYZ	46.9429, 56.9803, 73.4899
YIQ	190.9500, -41.2620, -12.1260

# Conversions

## Conversions Part 2

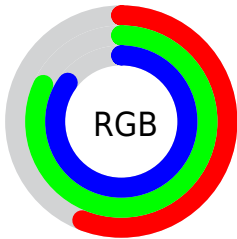
Format	Color
<a href="#">RYB</a>	<a href="#">144, 178, 216</a>
Decimal	<a href="#">9491160</a>
CIELab	<a href="#">80.17, -19.29, -9.63</a>
CIElCh	<a href="#">80, 21.561, 206.523</a>
Yxy	<a href="#">56.9803, 0.2646, 0.3212</a>
Android (android.graphics.Color)	<a href="#">4287681240</a> ( <a href="#">0xFF90D2D8</a> )
YUV	<a href="#">190.9500, 12.3497, -41.1751</a>
Hunter-Lab	<a href="#">75.4853, -21.0936, -4.8830</a>

# Details

The Hex color **90D2D8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D89690**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C8FFFF**, and **5A9BA1** is the 20% darker color. If you saturate the color by 10%, you get **7AD0D8**, and if you desaturate by 10%, it is **A6D4D8**.

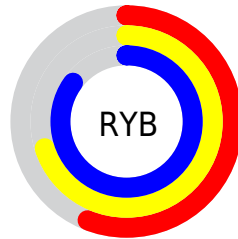
# Distribution



Red (56%)

Green (82%)

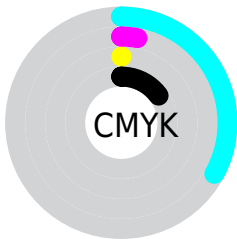
Blue (85%)



Red (56%)

Yellow (70%)

Blue (85%)

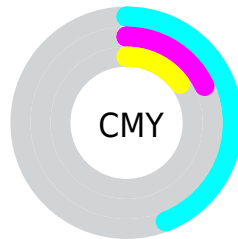


Cyan (33%)

Magenta (3%)

Yellow (0%)

Black (15%)



Cyan (44%)

Magenta (18%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90D2D8 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 90D2D8 by changing the saturation by 10% instead.



 90D2D8

 90D2D8

FFFFFF

 75B6BC

 C8FFFF

 5A9BA1

 E5FFFF

 3F8187

 22686E

 005055

 00383E

 002328

 000215

 000000

 90D2D8

 90D2D8

 7AD0D8

 A6D4D8

 65CED8

 BBD6D8

 4FCDD8

 D1D7D8

 3ACBD8

 E6D9D8

 24C9D8

 FCDBD8

 0EC7D8

 FFDDD8

 00C6D8

 FFDFD8

 FFE0D8

 FFE2D8

# Harmonies

## Analogous

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



99D2C4



90D2D8



97CFE8

# Triad

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



90D2D8



DFBCDD



D9C59F

# Complementary

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



90D2D8



D89690

# 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.



E9BEA6



90D2D8



EDB9CA

# Square

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



90D2D8



C7C2EB



F1BAB6



C3CBA3

# Rectangle

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



90D2D8



A5CBED



F1BAB6



DFC2A0

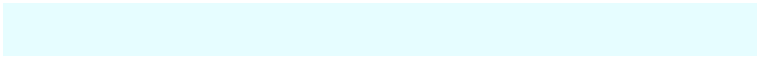


# Sweetspot

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



90D2D8



E6FDFF



90D896



707E80



000000



808080



# Same Dimension

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



90D2D8



99F7FF



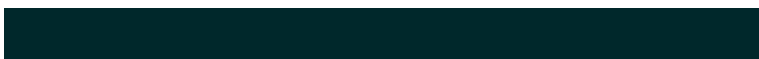
90AED8



606A6B



009DAB



00282B



# Inverse Universe

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



D890D2



FF99F7



D8BA90



6B606A



AB009D

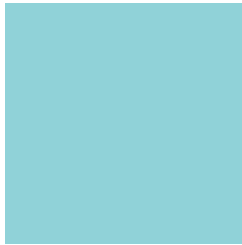


2B0028



# Previews

## White Background



This preview shows how the Hex color 90D2D8 looks on a white background.

## Color Contrast Check

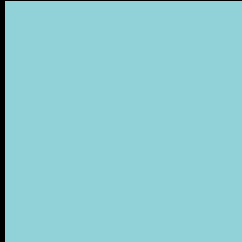
Large Text (above 18pt) WCAG AA × Fail

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 90D2D8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

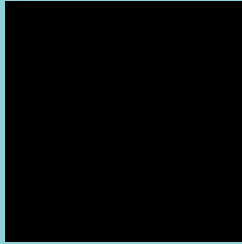
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90D2D8 Background



This preview shows how black text looks on a background with the Hex color 90D2D8.

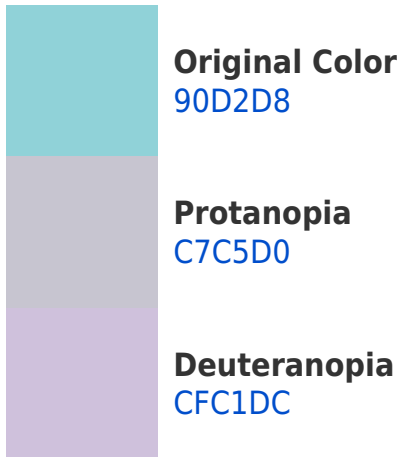


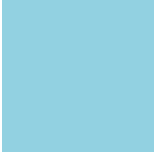
This preview shows how white text looks on a background with the Hex color 90D2D8.

# 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](#).

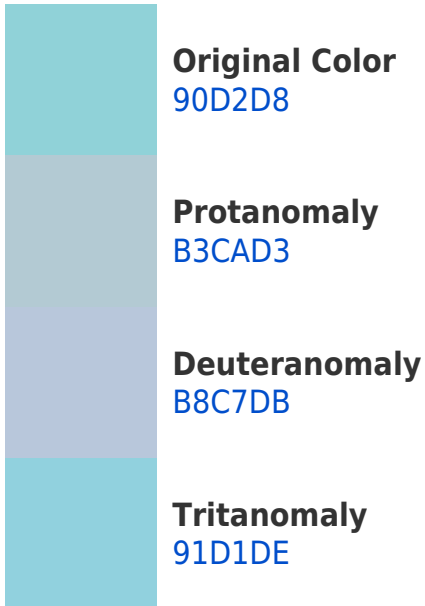
## Dichromacy



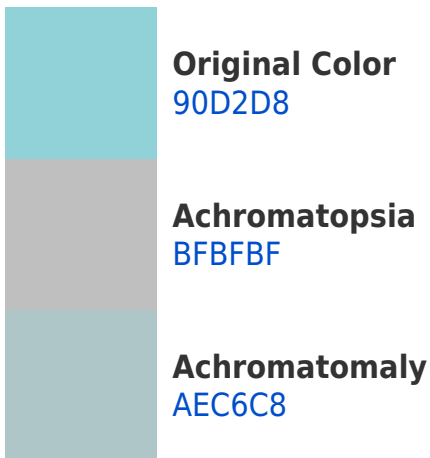


**Tritanopia**  
92D1E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90D2D8 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 #90D2D8 looks like.

```
.text, #text, p{  
    color:#90D2D8  
}
```

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 #90D2D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D2D8
}
```

## Border

The CSS property to change the border of an element to Hex 90D2D8 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
#90D2D8 }
```

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

```
.border{ border-color:#90D2D8 }
```

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

Here you see how a box with a 4 pixel #90D2D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D2D8; -webkit-box-shadow:4px 4px  
4px 4px #90D2D8; box-shadow:4px 4px 4px  
4px #90D2D8 }
```

# Background

The CSS property to change the background color of an element to Hex 90D2D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D2D8 }
```

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

```
.background{ background-color:#90D2D8 }
```

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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