

Converting Colors

Hex(90D2D3)

Have a look what the booklet for
Hex(90D2D3) contains.

Hex(90D2D3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90D2D3)

Conversions

Conversions Part 1

Format	Color
Hex	90D2D3
RGB	144, 210, 211
RGB Percent	56%, 82%, 83%
CMY	0.4353, 0.1765, 0.1725
CMYK	0.32, 0.00, 0.00, 0.17
HSL	181°, 43%, 70%
HSV	181°, 32%, 83%
XYZ	46.3061, 56.7256, 70.1366
YIQ	190.3800, -39.6570, -13.6810

Conversions

Conversions Part 2

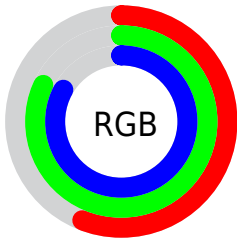
Format	Color
RYB	144, 177, 211
Decimal	9491155
CIELab	80.03, -20.47, -7.17
CIELCh	80, 21.687, 199.294
Yxy	56.7256, 0.2674, 0.3276
Android (android.graphics.Color)	4287681235 (0xFF90D2D3)
YUV	190.3800, 10.1657, -40.6753
Hunter-Lab	75.3164, -22.0583, -2.4909

Details

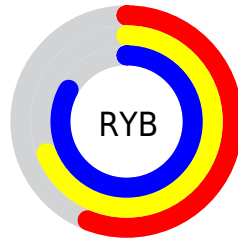
The Hex color **90D2D3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D39190**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **C8FFFF**, and **5A9B9D** is the 20% darker color. If you saturate the color by 10%, you get **7BD2D3**, and if you desaturate by 10%, it is **A5D2D3**.

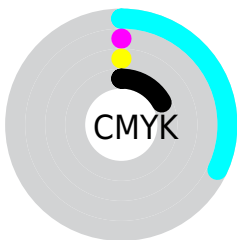
Distribution



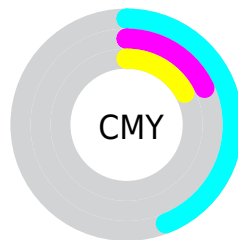
- Red (56%)
- Green (82%)
- Blue (83%)



- Red (56%)
- Yellow (69%)
- Blue (83%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90D2D3 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 90D2D3 by changing the saturation by 10% instead.

 90D2D3

 90D2D3

FFFFFF

 75B6B7

 C8FFFF

 5A9B9D

 E5FFFF

 3F8182

 236869

 005051

 00383A

 002325

 000110

 000000

 90D2D3

 90D2D3

 7BD2D3

 A5D2D3

 66D1D3

 BAD3D3

 51D1D3

 CFD3D3

 3CD1D3

 E4D3D3

 27D0D3

 F9D4D3

 11D0D3

 FFD4D3

 00D0D3

 FFD5D3

Harmonies

Analogous

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



9CD2BE



90D2D3



93D0E4

Triad

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



90D2D3



DABDE1



DDC39F

Complementary

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



90D2D3



D39190

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.



ECBCA9



90D2D3



EBB9CF

Square

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



90D2D3



C1C4EC



F1B9BA



C8C9A0

Rectangle

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



90D2D3



9ECCEC



F1B9BA



E3C0A1

Sweetspot

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



90D2D3



E6FFFF



90D390



707F80



000000



808080

Same Dimension

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



90D2D3



9EFEFF



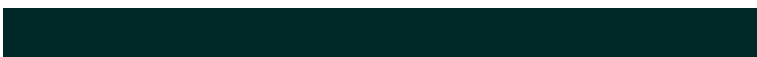
90B2D3



5E6869



00A6A8



002829

Inverse Universe

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



D390D2



FF9EFE



D3B290



695E68



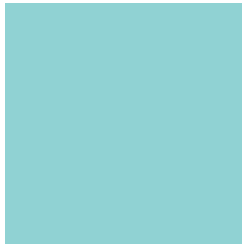
A800A6



290028

Previews

White Background



This preview shows how the Hex color 90D2D3 looks on a white background.

Color Contrast Check

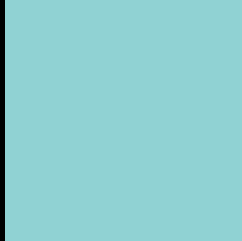
Large Text (above 18pt) WCAG AA × Fail

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 90D2D3 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 90D2D3 Background



This preview shows how black text looks on a background with the Hex color 90D2D3.

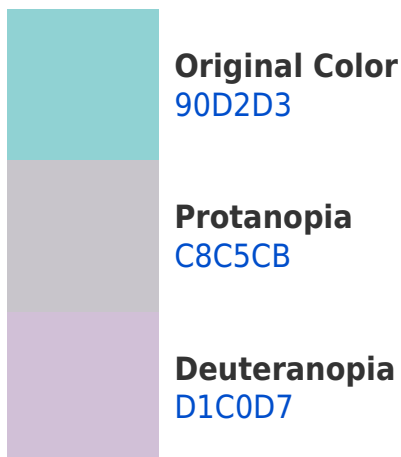


This preview shows how white text looks on a background with the Hex color 90D2D3.

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](#).

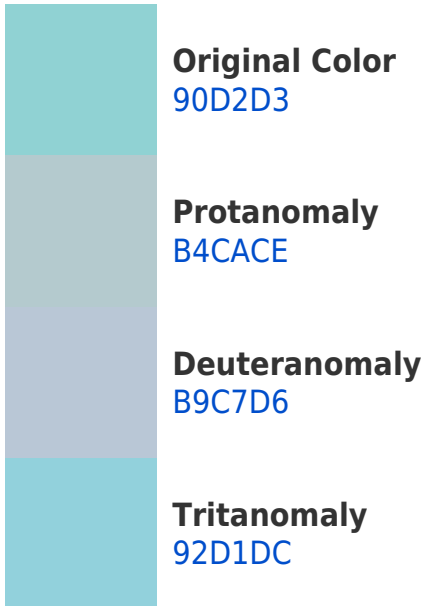
Dichromacy



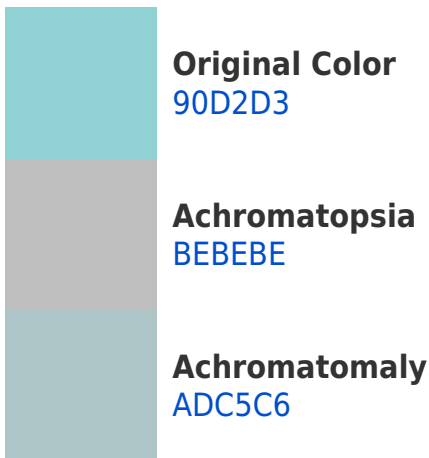


Tritanopia
93D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90D2D3 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 #90D2D3 looks like.

```
.text, #text, p{  
    color:#90D2D3  
}
```

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 #90D2D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D2D3
}
```

Border

The CSS property to change the border of an element to Hex 90D2D3 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
#90D2D3 }
```

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

```
.border{ border-color:#90D2D3 }
```

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

Here you see how a box with a 4 pixel #90D2D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D2D3; -webkit-box-shadow:4px 4px  
4px 4px #90D2D3; box-shadow:4px 4px 4px  
4px #90D2D3 }
```

Background

The CSS property to change the background color of an element to Hex 90D2D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D2D3 }
```

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

```
.background{ background-color:#90D2D3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor