

Converting Colors

Hex(90D2BD)

Have a look what the booklet for
Hex(90D2BD) contains.

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Color

Hex(90D2BD)

Conversions

Conversions Part 1

Format	Color
Hex	90D2BD
RGB	144, 210, 189
RGB Percent	56%, 82%, 74%
CMY	0.4353, 0.1765, 0.2588
CMYK	0.31, 0.00, 0.10, 0.18
HSL	161°, 42%, 69%
HSV	161°, 31%, 82%
XYZ	43.7335, 55.6966, 56.5896
YIQ	187.8720, -32.5950, -20.5230

Conversions

Conversions Part 2

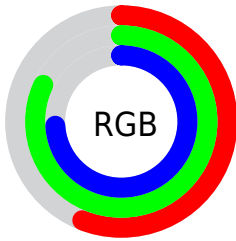
Format	Color
RYB	144, 183, 210
Decimal	9491133
CIELab	79.44, -25.38, 3.75
CIElCh	79, 25.652, 171.589
Yxy	55.6966, 0.2803, 0.3570
Android (android.graphics.Color)	4287681213 (0xFF90D2BD)
YUV	187.8720, 0.5561, -38.4757
Hunter-Lab	74.6302, -26.0012, 7.2834

Details

The Hex color **90D2BD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D290A5**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **C7FFF5**, and **5B9B88** is the 20% darker color. If you saturate the color by 10%, you get **7BD2B6**, and if you desaturate by 10%, it is **A5D2C4**.

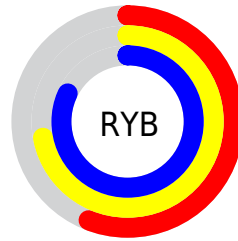
Distribution



Red (56%)

Green (82%)

Blue (74%)



Red (56%)

Yellow (72%)

Blue (82%)

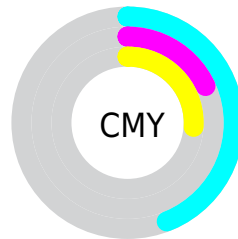


Cyan (31%)

Magenta (0%)

Yellow (10%)

Black (18%)



Cyan (44%)

Magenta (18%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90D2BD 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 90D2BD by changing the saturation by 10% instead.

 90D2BD

 90D2BD

FFFFFF

 75B6A2

 C7FFF5

 5B9B88

 E4FFFF

 41816E

 266856

 054F3F

 003829

 002315

 000000

 90D2BD

 90D2BD

 7BD2B6

 A5D2C4

 66D2B0

 BAD2CA

 51D2A9

 CFD2D1

 3CD2A2

 E4D2D8

 27D29C

 F9D2DE

 12D295

 FFD2E5

 00D28F

 FFD2EC

 FFD2F2

 FFD2F9

Harmonies

Analogous

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



A9CFA7



90D2BD



81D2D5

Triad

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



90D2BD



C0C1F1



EFB9A0

Complementary

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



90D2BD



D290A5

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.



F6B4B4



90D2BD



DDB9E3

Square

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



90D2BD



9FC9F4



F0B4CD



DDC196

Rectangle

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



90D2BD



82D0E4



F0B4CD



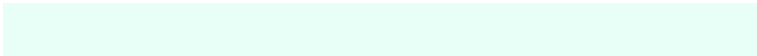
F3B7A6

Sweetspot

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



90D2BD



E8FFF8



A6D290



71807B



000000



808080

Same Dimension

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



90D2BD



9EFFE0



90C7D2



5E6965



00A873



00291C

Inverse Universe

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



D290A5



FF9EBD



D29B90



695E61



A80036



29000D

Previews

White Background



This preview shows how the Hex color 90D2BD looks on a white background.

Color Contrast Check

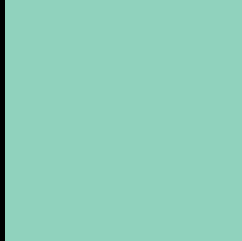
Large Text (above 18pt) WCAG AA × Fail

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 90D2BD 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 90D2BD Background



This preview shows how black text looks on a background with the Hex color 90D2BD.



This preview shows how white text looks on a background with the Hex color 90D2BD.

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
97CDDE

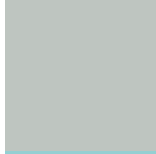
Trichromacy



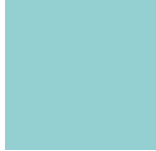
Original Color
90D2BD



Protanomaly
B6C8B8



Deuteranomaly
BEC5C0

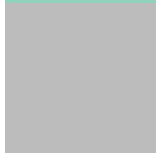


Tritanomaly
94CFD2

Monochromacy



Original Color
90D2BD



Achromatopsia
BCBCBC



Achromatomaly
ACC4BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 90D2BD 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 #90D2BD looks like.

```
.text, #text, p{  
    color:#90D2BD  
}
```

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 #90D2BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90D2BD }  
}
```

Border

The CSS property to change the border of an element to Hex 90D2BD 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 #90D2BD }  
}
```

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

```
.border{ border-color:#90D2BD }
```

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

Here you see how a box with a 4 pixel #90D2BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90D2BD; -webkit-box-shadow:4px 4px  
4px 4px #90D2BD; box-shadow:4px 4px 4px  
4px #90D2BD }
```

Background

The CSS property to change the background color of an element to Hex 90D2BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90D2BD }
```

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

```
.background{ background-color:#90D2BD }
```

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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