

Converting Colors

Hex(90CDB4)

Have a look what the booklet for
Hex(90CDB4) contains.

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Color

Hex(90CDB4)

Conversions

Conversions Part 1

Format	Color
Hex	90CDB4
RGB	144, 205, 180
RGB Percent	56%, 80%, 71%
CMY	0.4353, 0.1961, 0.2941
CMYK	0.30, 0.00, 0.12, 0.20
HSL	155°, 38%, 68%
HSV	155°, 30%, 80%
XYZ	41.5711, 52.8872, 51.1972
YIQ	183.9110, -28.3310, -20.7070

Conversions

Conversions Part 2

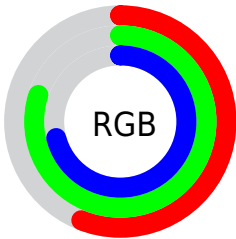
Format	Color
RYB	144, 182, 205
Decimal	9489844
CIELab	77.81, -24.81, 6.22
CIELCh	78, 25.576, 165.933
Yxy	52.8872, 0.2854, 0.3631
Android (android.graphics.Color)	4287679924 (0xFF90CDB4)
YUV	183.9110, -1.9281, -35.0019
Hunter-Lab	72.7236, -25.2300, 9.1665

Details

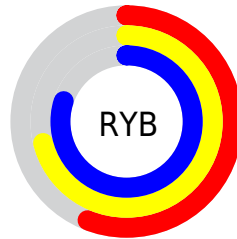
The Hex color **90CDB4** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CD90A9**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **C7FFEC**, and **5B977F** is the 20% darker color. If you saturate the color by 10%, you get **7BCDAC**, and if you desaturate by 10%, it is **A4CDBC**.

Distribution



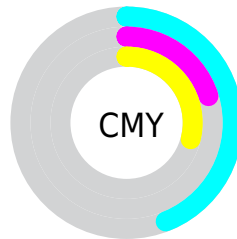
- Red (56%)
- Green (80%)
- Blue (71%)



- Red (56%)
- Yellow (71%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (44%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90CDB4 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 90CDB4 by changing the saturation by 10% instead.

 90CDB4

 90CDB4

FFFFFF

 75B199

 C7FFEC

 5B977F

 E4FFFF

 427C66

 28634E

 0B4B37

 003422

 00200C

 000000

 90CDB4

 90CDB4

 7BCDAC

 A4CDBC

 67CDA3

 B9CDC5

 52CD9B

 CECCD

 3ECD92

 E2CDD6

 29CD8A

 F7CDDE

 15CD82

 FFCDE6

 00CD79

 FFCDEF

 FFCDF7

 FFCDF

Harmonies

Analogous

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



AAC99F



90CDB4



7ECECC

Triad

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



90CDB4



B5BEEE



ECB49F

Complementary

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



90CDB4



CD90A9

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.



F1B0B4



90CDB4



D4B6E1

Square

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



90CDB4



95C6EE



E9B0CD



DCBB93

Rectangle

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



90CDB4



7DCDDB



E9B0CD



EFB2A6

Sweetspot

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



90CDB4



E8FFF6



A9CD90



71807A



000000



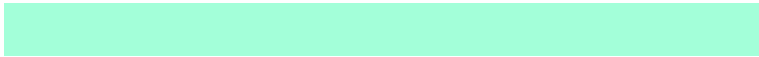
808080

Same Dimension

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



90CDB4



A3FFD9



90C8CD



5C6662



00A662



002617

Inverse Universe

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



CD90A9



FFA3C9



CD9590



665C60



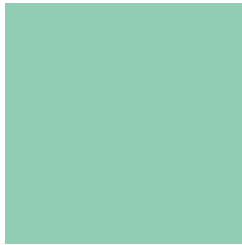
A60044



260010

Previews

White Background



This preview shows how the Hex color 90CDB4 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 90CDB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

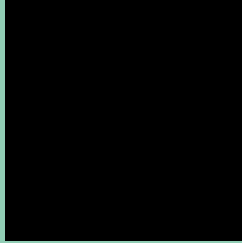
Any Text WCAG AA ✓ Pass

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 90CDB4 Background



This preview shows how black text looks on a background with the Hex color 90CDB4.

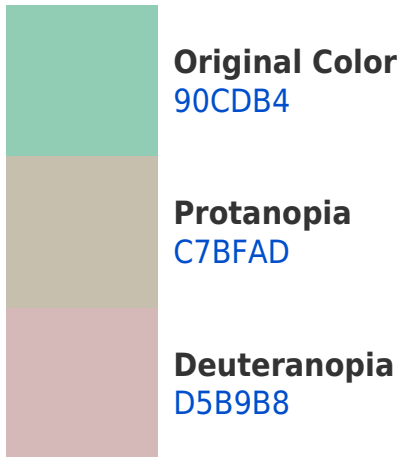


This preview shows how white text looks on a background with the Hex color 90CDB4.

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](#).

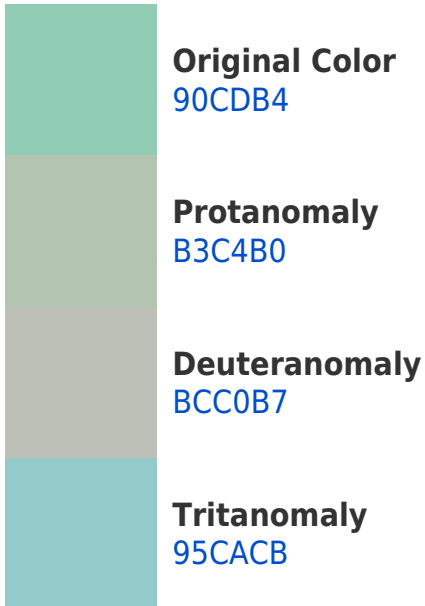
Dichromacy



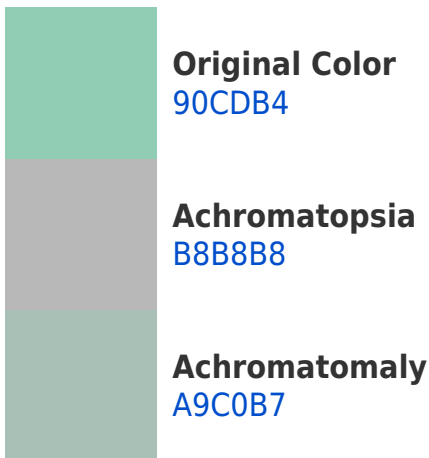


Tritanopia
98C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90CDB4 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 #90CDB4 looks like.

```
.text, #text, p{  
    color:#90CDB4  
}
```

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 #90CDB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90CDB4
}
```

Border

The CSS property to change the border of an element to Hex 90CDB4 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
#90CDB4 }
```

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

```
.border{ border-color:#90CDB4 }
```

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

Here you see how a box with a 4 pixel #90CDB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90CDB4; -webkit-box-shadow:4px 4px  
4px 4px #90CDB4; box-shadow:4px 4px 4px  
4px #90CDB4 }
```

Background

The CSS property to change the background color of an element to Hex 90CDB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90CDB4 }
```

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

```
.background{ background-color:#90CDB4 }
```

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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