

Converting Colors

Hex(90DFDB)

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

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Color

Hex(90DFDB)

Conversions

Conversions Part 1

Format	Color
Hex	90DFDB
RGB	144, 223, 219
RGB Percent	56%, 87%, 86%
CMY	0.4353, 0.1255, 0.1412
CMYK	0.35, 0.00, 0.02, 0.13
HSL	177°, 55%, 72%
HSV	177°, 35%, 87%
XYZ	50.6755, 63.8191, 76.6653
YIQ	198.9230, -45.8000, -17.9920

Conversions

Conversions Part 2

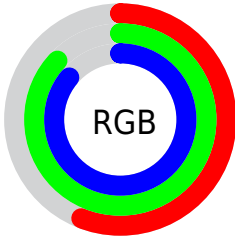
Format	Color
RYB	144, 185, 223
Decimal	9494491
CIELab	83.87, -25.04, -5.74
CIELCh	84, 25.692, 192.899
Yxy	63.8191, 0.2651, 0.3339
Android (android.graphics.Color)	4287684571 (0xFF90DFDB)
YUV	198.9230, 9.8980, -48.1675
Hunter-Lab	79.8869, -26.5723, -0.9782

Details

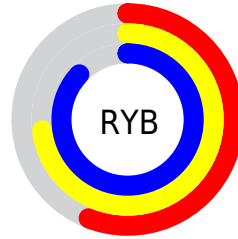
The Hex color **90DFDB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DF9094**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **C9FFFF**, and **59A8A4** is the 20% darker color. If you saturate the color by 10%, you get **7ADFDA**, and if you desaturate by 10%, it is **A6DFDC**.

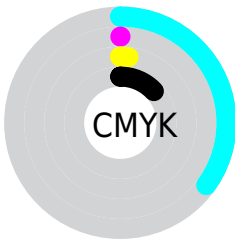
Distribution



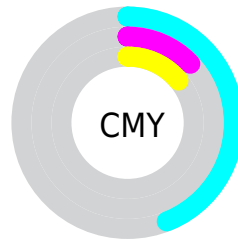
- Red (56%)
- Green (87%)
- Blue (86%)



- Red (56%)
- Yellow (73%)
- Blue (87%)



- Cyan (35%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (44%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 90DFDB

 90DFDB

FFFFFF

 74C3BF

 C9FFFF

 59A8A4

 E6FFFF

 3D8D8A

 1E7370

 005A58

 004241

 002C2B

 001717

 000000

 90DFDB

 90DFDB

 7ADFDA

 A6DFDC

 63DFD9

 BDDFDD

 4DDFD8

 D3DFDE

 37DFD6

 E9DFE0

 21DFD5

 FFDFE1

 0ADFD4

 FFDFE2

 00DFD4

 FFDFE3

 FFDFE4

 FFDFE5

Harmonies

Analogous

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



A3DEC2



90DFDB



8FDDF1

Triad

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



90DFDB



E2C7F5



FOCBA3

Complementary

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



90DFDB



DF9094

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.



FFC4B1



90DFDB



F9C1E0

Square

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



90DFDB



C3D0FF



FFC0C7



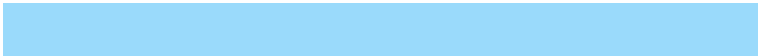
D9D3A2

Rectangle

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



90DFDB



9ADAFB



FFC0C7



F6C8A7

Sweetspot

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



90DFDB



E3FFFE



95DF90



6F807F



000000



808080

Same Dimension

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



90DFDB



91FFF9



90BDDF



657070



00B0A7



00302E

Inverse Universe

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



DF9094



FF9197



DFB290



706566



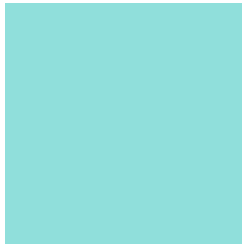
B00009



300002

Previews

White Background



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

Color Contrast Check

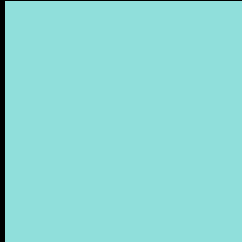
Large Text (above 18pt) WCAG AA × Fail

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 90DFDB 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 90DFDB Background



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

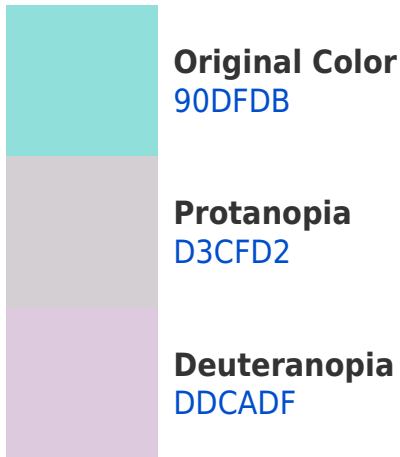


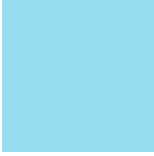
This preview shows how white text looks on a background with the Hex color 90DFDB.

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](#).

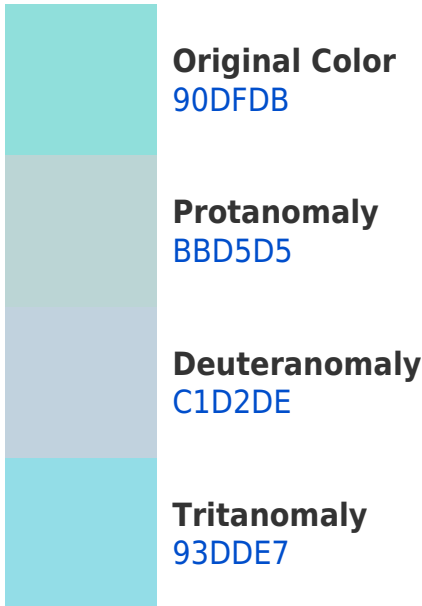
Dichromacy



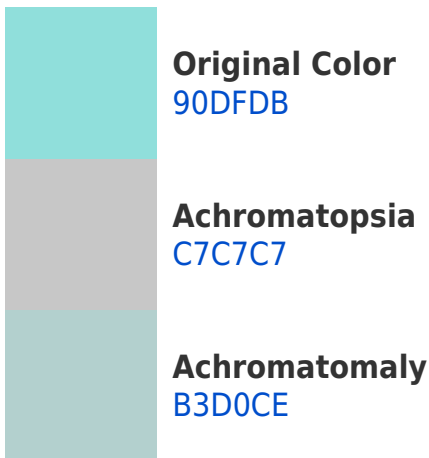


Tritanopia
95DCEE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #90DFDB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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