

Converting Colors

Hex(96DFB7)

Have a look what the booklet for
Hex(96DFB7) contains.

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Color

Hex(96DFB7)

Conversions

Conversions Part 1

Format	Color
Hex	96DFB7
RGB	150, 223, 183
RGB Percent	59%, 87%, 72%
CMY	0.4118, 0.1255, 0.2824
CMYK	0.33, 0.00, 0.18, 0.13
HSL	147°, 53%, 73%
HSV	147°, 33%, 87%
XYZ	47.5126, 62.6783, 54.3937
YIQ	196.6130, -30.6680, -27.9160

Conversions

Conversions Part 2

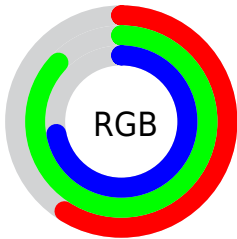
Format	Color
RYB	150, 200, 223
Decimal	9887671
CIELab	83.27, -31.08, 12.47
CIElCh	83, 33.487, 158.144
Yxy	62.6783, 0.2887, 0.3808
Android (android.graphics.Color)	4288077751 (0xFF96DFB7)
YUV	196.6130, -6.7112, -40.8796
Hunter-Lab	79.1696, -31.4224, 14.6834

Details

The Hex color **96DFB7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DF96BE**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CEFFEF**, and **60A782** is the 20% darker color. If you saturate the color by 10%, you get **80DFAB**, and if you desaturate by 10%, it is **ACDFC3**.

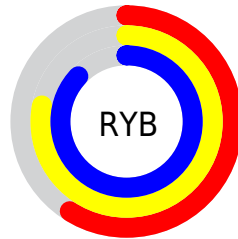
Distribution



Red (59%)

Green (87%)

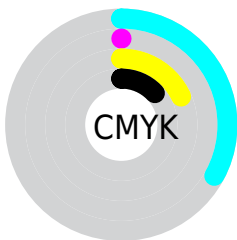
Blue (72%)



Red (59%)

Yellow (78%)

Blue (87%)

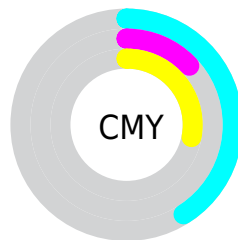


Cyan (33%)

Magenta (0%)

Yellow (18%)

Black (13%)



Cyan (41%)

Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DFB7 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 96DFB7 by changing the saturation by 10% instead.

 96DFB7

FFFFFF

 CEFFEF

 EBFFFF

 96DFB7

 7BC39C

 60A782

 468D69

 2B7351

 0B5A3A

 004224

 002B0F

 001400

 000000

 96DFB7

 96DFB7

 80DFAB

 ACDFC3

 69DF9F

 C3DFCF

 53DF92

 D9DFDC

 3DDF86

 EFDfE8

 27DF7A

 FFDFf4

 10DF6E

 FFDFff

 00DF65

Harmonies

Analogous

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



BBD99D



96DFB7



77E1D7

Triad

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



96DFB7



B3CFFF



FFBCAA

Complementary

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



96DFB7



DF96BE

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.



FFB8C8



96DFB7



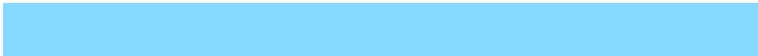
DFC4FF

Square

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



96DFB7



87D9FF



FFBBE8



FAC696

Rectangle

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



96DFB7



6CE0EC



FFBBE8



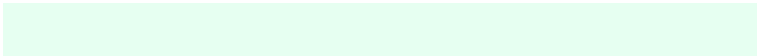
FFBAB3

Sweetspot

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



96DFB7



E6FFF1



BEDF96



708077



000000



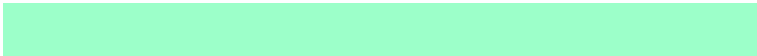
808080

Same Dimension

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



96DFB7



9CFFC9



96DFDB



65706A



00B050



003016

Inverse Universe

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



DF96BE



FF9CD2



DF969A



70656B



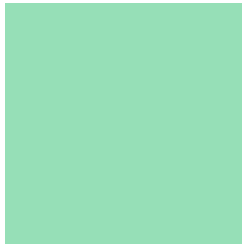
B00060



30001B

Previews

White Background



This preview shows how the Hex color 96DFB7 looks on a white background.

Color Contrast Check

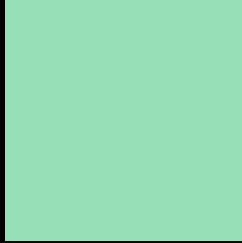
Large Text (above 18pt) WCAG AA × Fail

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 96DFB7 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 96DFB7 Background



This preview shows how black text looks on a background with the Hex color 96DFB7.

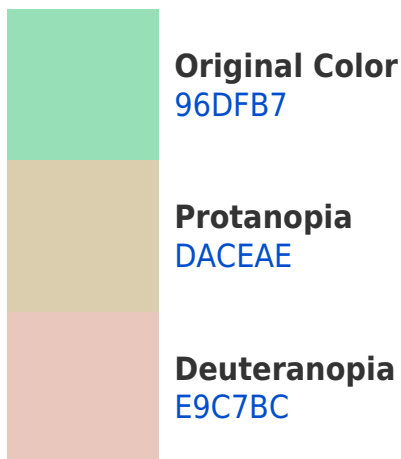


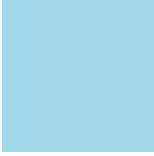
This preview shows how white text looks on a background with the Hex color 96DFB7.

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](#).

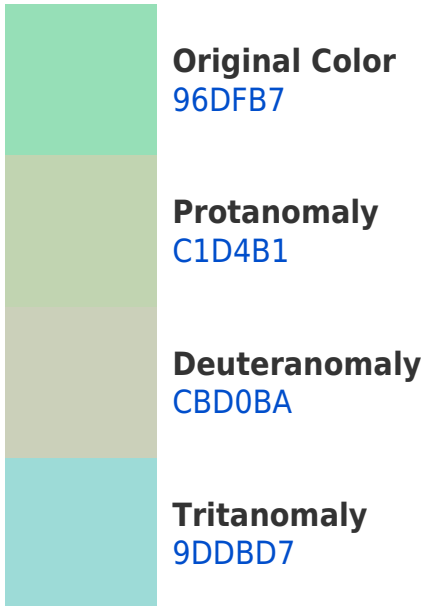
Dichromacy



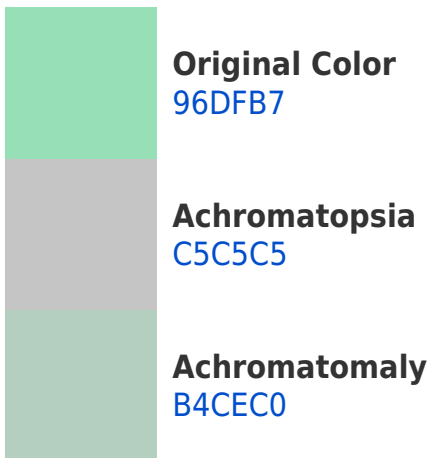


Tritanopia
A1D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96DFB7 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 #96DFB7 looks like.

```
.text, #text, p{  
    color:#96DFB7  
}
```

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 #96DFB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DFB7  
}
```

Border

The CSS property to change the border of an element to Hex 96DFB7 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  
#96DFB7 }
```

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

```
.border{ border-color:#96DFB7 }
```

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

Here you see how a box with a 4 pixel #96DFB7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DFB7; -webkit-box-shadow:4px 4px  
4px 4px #96DFB7; box-shadow:4px 4px 4px  
4px #96DFB7 }
```

Background

The CSS property to change the background color of an element to Hex 96DFB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DFB7 }
```

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

```
.background{ background-color:#96DFB7 }
```

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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