

Converting Colors

Hex(96D8B1)

Have a look what the booklet for
Hex(96D8B1) contains.

Hex(96D8B1)	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(96D8B1)

Conversions

Conversions Part 1

Format	Color
Hex	96D8B1
RGB	150, 216, 177
RGB Percent	59%, 85%, 69%
CMY	0.4118, 0.1529, 0.3059
CMYK	0.31, 0.00, 0.18, 0.15
HSL	145°, 46%, 72%
HSV	145°, 31%, 85%
XYZ	45.0694, 58.7701, 50.5633
YIQ	191.8200, -26.8170, -26.1210

Conversions

Conversions Part 2

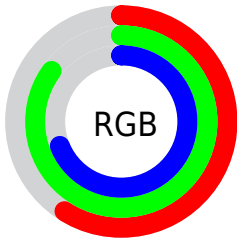
Format	Color
RYB	150, 197, 216
Decimal	9885873
CIELab	81.17, -28.92, 12.65
CIELCh	81, 31.562, 156.375
Yxy	58.7701, 0.2919, 0.3806
Android (android.graphics.Color)	4288075953 (0xFF96D8B1)
YUV	191.8200, -7.3063, -36.6761
Hunter-Lab	76.6617, -29.2178, 14.5576

Details

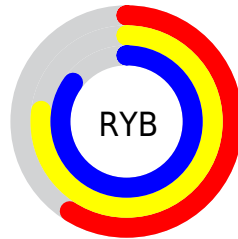
The Hex color **96D8B1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D896BD**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CEFFE9**, and **61A17C** is the 20% darker color. If you saturate the color by 10%, you get **80D8A4**, and if you desaturate by 10%, it is **ACD8BE**.

Distribution



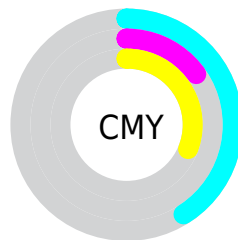
- Red (59%)
- Green (85%)
- Blue (69%)



- Red (59%)
- Yellow (77%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D8B1 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 96D8B1 by changing the saturation by 10% instead.

 96D8B1

 96D8B1

FFFFFF

 7BBC96

 CEFFE9

 61A17C

 EAFFFF

 478663

 2D6D4B

 105435

 003C1F

 002608

 000800

 000000

 96D8B1

 96D8B1

 80D8A4

 ACD8BE

 6BD897

 C1D8CB

 55D88B

 D7D8D7

 40D87E

 ECD8E4

 2AD871

 FFD8F1

 14D864

 FFD8FE

 00D858

 FFD8FF

Harmonies

Analogous

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



B8D299



96D8B1



79DACF

Triad

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



96D8B1



ADCAFF



FFB7A8

Complementary

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



96D8B1



D896BD

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.



FFB4C4



96D8B1



D6C0F9

Square

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



96D8B1



85D3FF



F5B7E2



F3C094

Rectangle

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



96D8B1



6FD9E3



F5B7E2



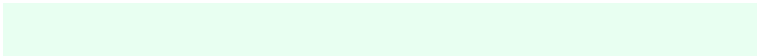
FFB5B1

Sweetspot

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



96D8B1



E8FFF1



BED896



718077



000000



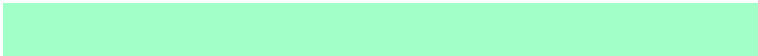
808080

Same Dimension

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



96D8B1



A1FFC7



96D8D1



606B65



00AB46



002B12

Inverse Universe

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



D896BD



FFA1D8



D8969D



6B6067



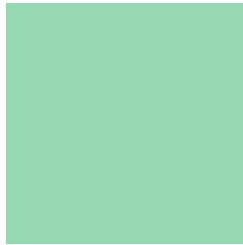
AB0065



2B001A

Previews

White Background



This preview shows how the Hex color 96D8B1 looks on a white background.

Color Contrast Check

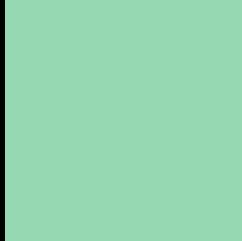
Large Text (above 18pt) WCAG AA × Fail

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 96D8B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

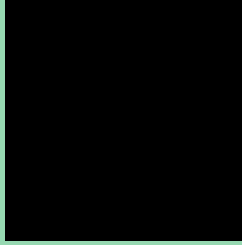
Any Text WCAG AA ✓ Pass

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 96D8B1 Background



This preview shows how black text looks on a background with the Hex color 96D8B1.

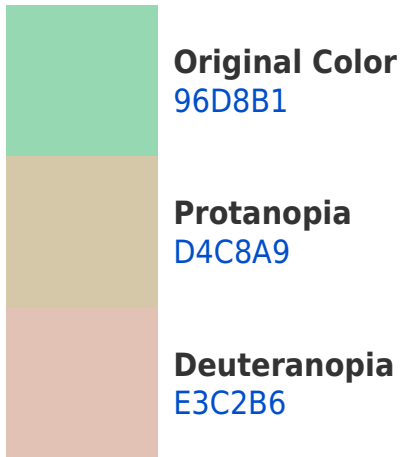


This preview shows how white text looks on a background with the Hex color 96D8B1.

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](#).

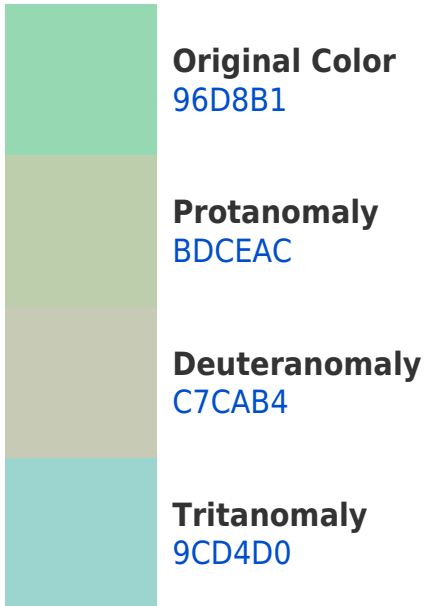
Dichromacy



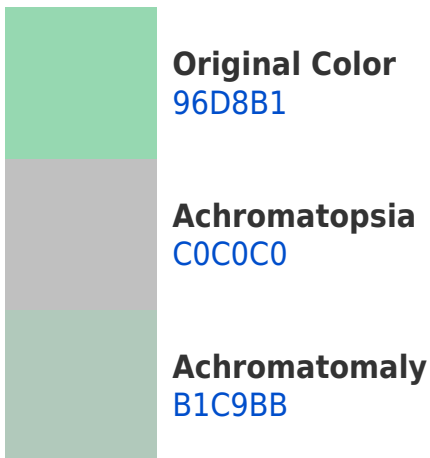


Tritanopia
A0D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96D8B1 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 #96D8B1 looks like.

```
.text, #text, p{  
    color:#96D8B1  
}
```

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 #96D8B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D8B1
}
```

Border

The CSS property to change the border of an element to Hex 96D8B1 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
#96D8B1 }
```

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

```
.border{ border-color:#96D8B1 }
```

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

Here you see how a box with a 4 pixel #96D8B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D8B1; -webkit-box-shadow:4px 4px  
4px 4px #96D8B1; box-shadow:4px 4px 4px  
4px #96D8B1 }
```

Background

The CSS property to change the background color of an element to Hex 96D8B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D8B1 }
```

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

```
.background{ background-color:#96D8B1 }
```

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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