

Converting Colors

Hex(99D6B1)

Have a look what the booklet for
Hex(99D6B1) contains.

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Color

Hex(99D6B1)

Conversions

Conversions Part 1

Format	Color
Hex	99D6B1
RGB	153, 214, 177
RGB Percent	60%, 84%, 69%
CMY	0.4000, 0.1608, 0.3059
CMYK	0.29, 0.00, 0.17, 0.16
HSL	144°, 43%, 72%
HSV	144°, 29%, 84%
XYZ	45.1192, 58.0398, 50.4197
YIQ	191.5430, -24.4790, -24.4390

Conversions

Conversions Part 2

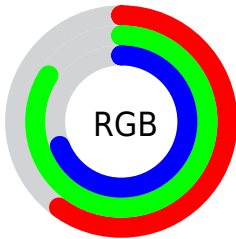
Format	Color
RYB	153, 197, 214
Decimal	10081969
CIELab	80.76, -27.03, 12.10
CIELCh	81, 29.615, 155.888
Yxy	58.0398, 0.2938, 0.3779
Android (android.graphics.Color)	4288272049 (0xFF99D6B1)
YUV	191.5430, -7.1697, -33.8022
Hunter-Lab	76.1838, -27.6066, 14.0896

Details

The Hex color **99D6B1** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D699BE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **D1FFE9**, and **649F7C** is the 20% darker color. If you saturate the color by 10%, you get **84D6A4**, and if you desaturate by 10%, it is **AED6BE**.

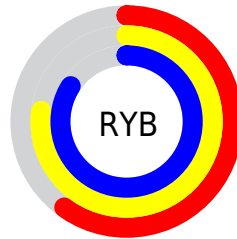
Distribution



Red (60%)

Green (84%)

Blue (69%)



Red (60%)

Yellow (77%)

Blue (84%)

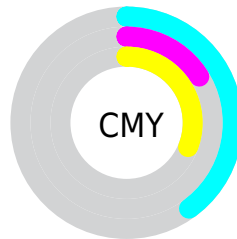


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (16%)



Cyan (40%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99D6B1 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 99D6B1 by changing the saturation by 10% instead.

 99D6B1

 99D6B1

FFFFFF


 7EBA96

 D1FFE9

 649F7C

 EDFFFF

 4B8563

 316B4B

 175335

 003B1F

 002508

 000500

 000000

 99D6B1

 99D6B1

 84D6A4

 AED6BE

 6ED697

 C4D6CB

 59D68A

 D9D6D8

 43D67D

 EFD6E5

 2ED670

 FFD6F2

 19D663

 FFD6FF

 03D656

 00D654

Harmonies

Analogous

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



B9D19B



99D6B1



7ED8CD

Triad

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



99D6B1



AEC9FF



FEB7A9

Complementary

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



99D6B1



D699BE

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



99D6B1



D4BFF5

Square

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



99D6B1



89D1FA



F1B7E0



F0BF97

Rectangle

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



99D6B1



76D7E0



F1B7E0



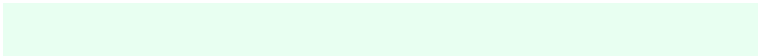
FFB6B2

Sweetspot

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



99D6B1



E8FFF1



BFD699



718077



000000



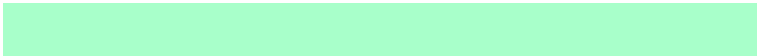
808080

Same Dimension

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



99D6B1



A8FFCA



99D6CF



606B65



00AB43



002B11

Inverse Universe

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



D699BE



FFA8DD



D699A0



6B6067



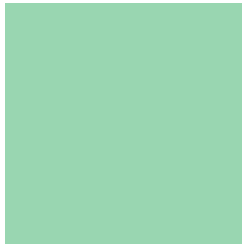
AB0068



2B001A

Previews

White Background



This preview shows how the Hex color 99D6B1 looks on a white background.

Color Contrast Check

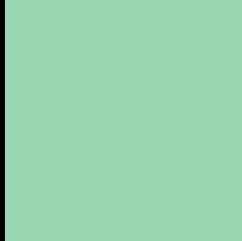
Large Text (above 18pt) WCAG AA × Fail

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 99D6B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

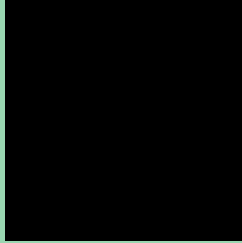
Any Text WCAG AA ✓ Pass

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 99D6B1 Background



This preview shows how black text looks on a background with the Hex color 99D6B1.

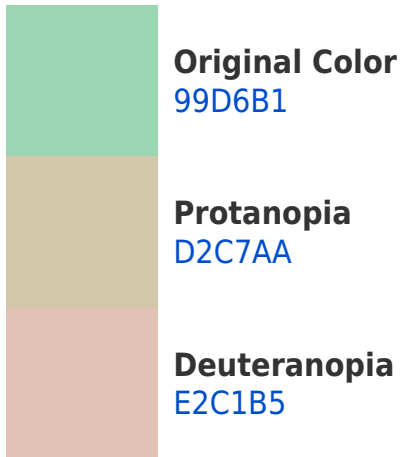


This preview shows how white text looks on a background with the Hex color 99D6B1.

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](#).

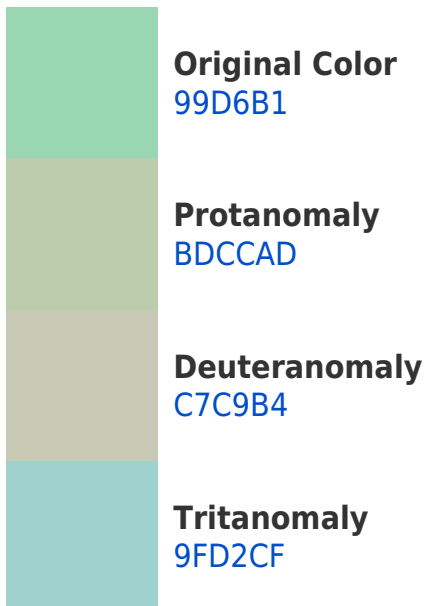
Dichromacy



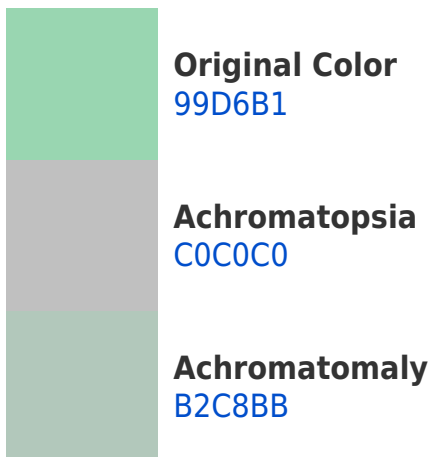


Tritanopia
A2CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99D6B1 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 #99D6B1 looks like.

```
.text, #text, p{  
    color:#99D6B1  
}
```

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 #99D6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99D6B1
}
```

Border

The CSS property to change the border of an element to Hex 99D6B1 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
#99D6B1 }
```

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

```
.border{ border-color:#99D6B1 }
```

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

Here you see how a box with a 4 pixel #99D6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99D6B1; -webkit-box-shadow:4px 4px  
4px 4px #99D6B1; box-shadow:4px 4px 4px  
4px #99D6B1 }
```

Background

The CSS property to change the background color of an element to Hex 99D6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99D6B1 }
```

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

```
.background{ background-color:#99D6B1 }
```

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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