

Converting Colors

Hex(96D98B)

Have a look what the booklet for
Hex(96D98B) contains.

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Color

Hex(96D98B)

Conversions

Conversions Part 1

Format	Color
Hex	96D98B
RGB	150, 217, 139
RGB Percent	59%, 85%, 55%
CMY	0.4118, 0.1490, 0.4549
CMYK	0.31, 0.00, 0.36, 0.15
HSL	112°, 51%, 70%
HSV	112°, 36%, 85%
XYZ	42.0507, 57.9738, 33.3999
YIQ	188.0750, -14.8940, -38.4620

Conversions

Conversions Part 2

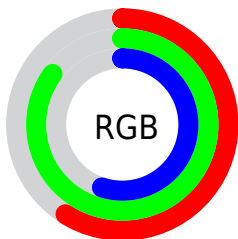
Format	Color
RYB	139, 217, 206
Decimal	9886091
CIELab	80.72, -35.92, 31.88
CIELCh	81, 48.031, 138.410
Yxy	57.9738, 0.3152, 0.4345
Android (android.graphics.Color)	4288076171 (0xFF96D98B)
YUV	188.0750, -24.1940, -33.3918
Hunter-Lab	76.1405, -34.6644, 27.2902

Details

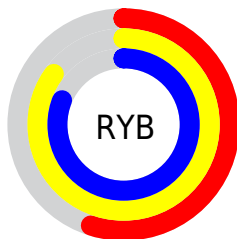
The Hex color **96D98B** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **CE8BD9**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **CEFFC1**, and **60A258** is the 20% darker color. If you saturate the color by 10%, you get **83D975**, and if you desaturate by 10%, it is **A9D9A1**.

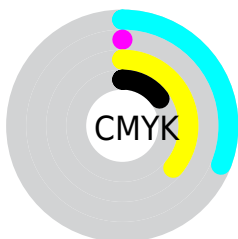
Distribution



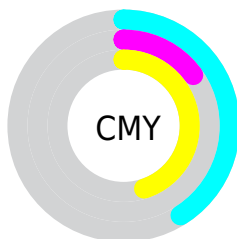
- Red (59%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D98B 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 96D98B by changing the saturation by 10% instead.

 96D98B

 96D98B

FFFFFF

 7BBD71

 CEFFC1

 60A258

 EBFFDD

 468740

 FFFFFA

 2B6D28

 0B5510

 003D00

 002700

 000500

 000000

 96D98B

 96D98B

 83D975

 A9D9A1

 71D960

 BBD9B6

 5ED94A

 CED9CC

 4BD934

 E1D9E2

 39D91E

 F3D9F8

 26D909

 FFD9FF

 1FD900

Harmonies

Analogous

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



C9CE71



96D98B



56DFB5

Triad

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



96D98B



5DD2FF



FFA5AE

Complementary

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



96D98B



CE8BD9

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.



FFA6DC



96D98B



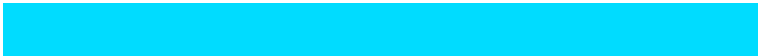
B2C3FF

Square

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



96D98B



00DCFF



EFB2FF



FFB087

Rectangle

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



96D98B



00E0D4



EFB2FF



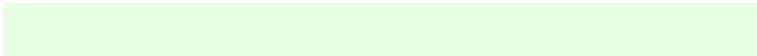
FFA4BD

Sweetspot

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



96D98B



E7FFE3



D9CD8B



71806F



000000



808080

Same Dimension

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



96D98B



A1FF91



8BD9A6



646E63



18AD00



062E00

Inverse Universe

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



CE8BD9



F091FF



D98BBE



6C636E



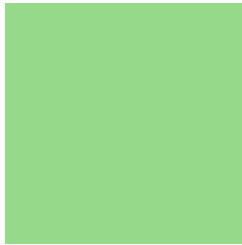
9500AD



27002E

Previews

White Background



This preview shows how the Hex color 96D98B 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 96D98B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

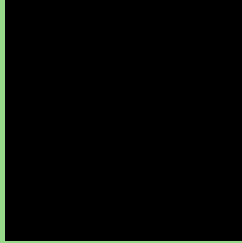
Any Text WCAG AA ✓ Pass

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 96D98B Background



This preview shows how black text looks on a background with the Hex color 96D98B.

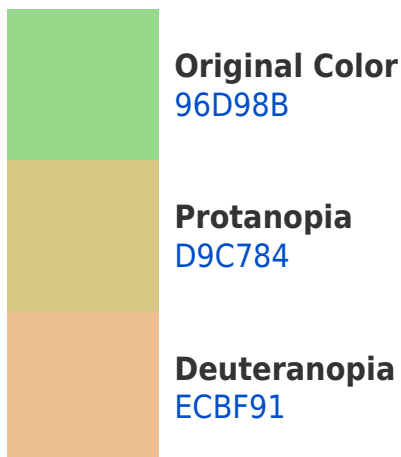


This preview shows how white text looks on a background with the Hex color 96D98B.

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
A5CFDF

Trichromacy



Original Color
96D98B



Protanomaly
C1CE87



Deuteranomaly
CDC88F



Tritanomaly
A0D3C0

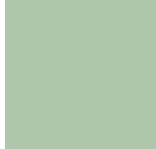
Monochromacy



Original Color
96D98B



Achromatopsia
BCBCBC



Achromatomaly
AEC7AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 96D98B 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 #96D98B looks like.

```
.text, #text, p{  
    color:#96D98B  
}
```

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 #96D98B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D98B
}
```

Border

The CSS property to change the border of an element to Hex 96D98B 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
#96D98B }
```

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

```
.border{ border-color:#96D98B }
```

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

Here you see how a box with a 4 pixel #96D98B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D98B; -webkit-box-shadow:4px 4px  
4px 4px #96D98B; box-shadow:4px 4px 4px  
4px #96D98B }
```

Background

The CSS property to change the background color of an element to Hex 96D98B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D98B }
```

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

```
.background{ background-color:#96D98B }
```

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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