

# Converting Colors

Hex(96D8C5)

Have a look what the booklet for  
Hex(96D8C5) contains.

<b>Hex(96D8C5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(96D8C5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D8C5
RGB	150, 216, 197
RGB Percent	59%, 85%, 77%
CMY	0.4118, 0.1529, 0.2275
CMYK	0.31, 0.00, 0.09, 0.15
HSL	163°, 46%, 72%
HSV	163°, 31%, 85%
XYZ	47.2116, 59.6270, 61.8442
YIQ	194.1000, -33.2370, -19.9010

# Conversions

## Conversions Part 2

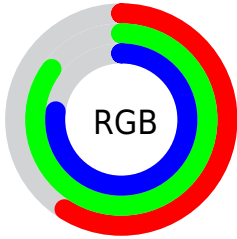
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 189, 216
Decimal	9885893
CIELab	81.64, -24.86, 2.70
CIELCh	82, 25.007, 173.791
Yxy	59.6270, 0.2799, 0.3535
Android (android.graphics.Color)	4288075973 (0xFF96D8C5)
YUV	194.1000, 1.4297, -38.6757
Hunter-Lab	77.2185, -25.9970, 6.5677

# Details

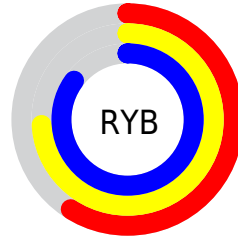
The Hex color **96D8C5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D896A9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CEFFFE**, and **61A18F** is the 20% darker color. If you saturate the color by 10%, you get **80D8BF**, and if you desaturate by 10%, it is **ACD8CB**.

# Distribution



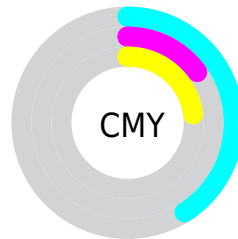
- Red (59%)
- Green (85%)
- Blue (77%)



- Red (59%)
- Yellow (74%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96D8C5 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 96D8C5 by changing the saturation by 10% instead.



 96D8C5

FFFFFF

 CEFFFE

 EBFFFF

 96D8C5

 7BBCAA

 61A18F

 478776

 2C6D5D

 0E5446

 003D2F

 00271B

 000B00

 000000

 96D8C5

 96D8C5

 80D8BF

 ACD8CB

 6BD8B9

 C1D8D1

 55D8B2

 D7D8D8

 40D8AC

 ECD8DE

 2AD8A6

 FFD8E4

 14D8A0

 FFD8EA

 00D89A

 FFD8F1

 FFD8F7

 FFD8FD

# Harmonies

## Analogous

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



AED5AF



96D8C5



89D8DD

# Triad

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



96D8C5



C8C7F6



F3C0A6

# Complementary

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



96D8C5



D896A9

# 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.



FBBBB9



96D8C5



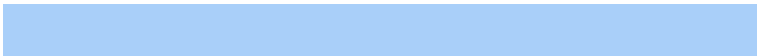
E5BFE7

# Square

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



96D8C5



A9CFF9



F6BBD1



E1C89D

# Rectangle

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



96D8C5



8BD6EA



F6BBD1



F7BEAB

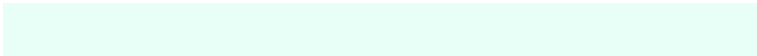


# Sweetspot

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



96D8C5



E8FFF8



AAD896



71807B



000000



808080

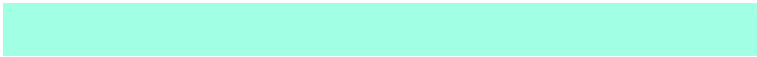


# Same Dimension

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



96D8C5



A1FFE4



96CBD8



606B68



00AB7A



002B1F



# Inverse Universe

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



D896A9



FFA1BC



D8A396



6B6063



AB0031



2B000C



# Previews

## White Background



This preview shows how the Hex color 96D8C5 looks on a white background.

## Color Contrast Check

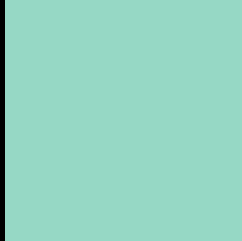
Large Text (above 18pt) WCAG AA × Fail

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 96D8C5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

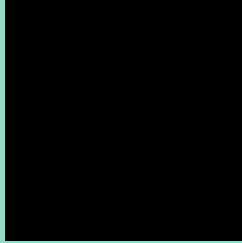
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

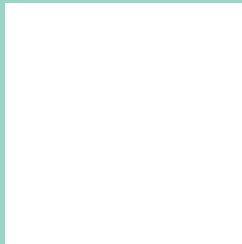
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96D8C5 Background



This preview shows how black text looks on a background with the Hex color 96D8C5.

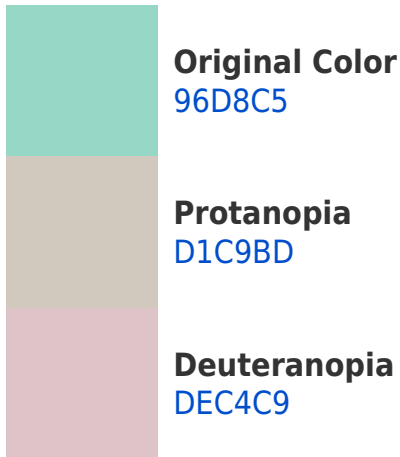


This preview shows how white text looks on a background with the Hex color 96D8C5.

# 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**  
9DD3E4

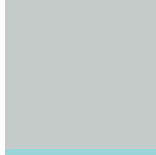
# Trichromacy



**Original Color**  
96D8C5



**Protanomaly**  
BCCEC0



**Deuteranomaly**  
C4CBC8

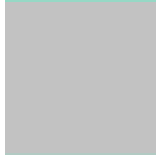


**Tritanomaly**  
9AD5D9

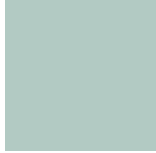
# Monochromacy



**Original Color**  
96D8C5



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
B2CAC3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96D8C5 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 #96D8C5 looks like.

```
.text, #text, p{  
    color:#96D8C5  
}
```

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 #96D8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D8C5
}
```

## Border

The CSS property to change the border of an element to Hex 96D8C5 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
#96D8C5 }
```

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

```
.border{ border-color:#96D8C5 }
```

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

Here you see how a box with a 4 pixel #96D8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D8C5; -webkit-box-shadow:4px 4px  
4px 4px #96D8C5; box-shadow:4px 4px 4px  
4px #96D8C5 }
```

# Background

The CSS property to change the background color of an element to Hex 96D8C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D8C5 }
```

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

```
.background{ background-color:#96D8C5 }
```

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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