

Converting Colors

Hex(96D8C3)

Have a look what the booklet for
Hex(96D8C3) contains.

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Color

Hex(96D8C3)

Conversions

Conversions Part 1

Format	Color
Hex	96D8C3
RGB	150, 216, 195
RGB Percent	59%, 85%, 76%
CMY	0.4118, 0.1529, 0.2353
CMYK	0.31, 0.00, 0.10, 0.15
HSL	161°, 46%, 72%
HSV	161°, 31%, 85%
XYZ	46.9839, 59.5359, 60.6450
YIQ	193.8720, -32.5950, -20.5230

Conversions

Conversions Part 2

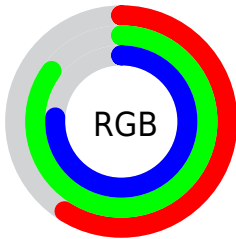
Format	Color
RYB	150, 189, 216
Decimal	9885891
CIELab	81.59, -25.28, 3.70
CIELCh	82, 25.553, 171.682
Yxy	59.5359, 0.2811, 0.3562
Android (android.graphics.Color)	4288075971 (0xFF96D8C3)
YUV	193.8720, 0.5561, -38.4757
Hunter-Lab	77.1595, -26.3371, 7.4115

Details

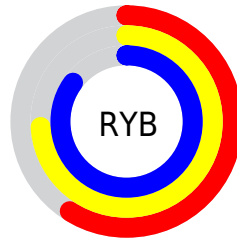
The Hex color **96D8C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D896AB**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **CEFFFC**, and **61A18D** is the 20% darker color. If you saturate the color by 10%, you get **80D8BC**, and if you desaturate by 10%, it is **ACD8CA**.

Distribution



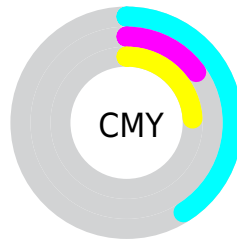
- Red (59%)
- Green (85%)
- Blue (76%)



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



- Cyan (31%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96D8C3 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 96D8C3 by changing the saturation by 10% instead.

 96D8C3

FFFFFF

 CEFFFC

 EAFFFF

 96D8C3

 7BBCA8

 61A18D

 478774

 2C6D5B

 0E5444

 003D2E

 002719

 000B00

 000000

 96D8C3

 96D8C3

 80D8BC

 ACD8CA

 6BD8B5

 C1D8D1

 55D8AE

 D7D8D8

 40D8A8

 ECD8DE

 2AD8A1

 FFD8E5

 14D89A

 FFD8EC

 00D893

 FFD8F3

 FFD8FA

 FFD8FF

Harmonies

Analogous

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



AFD5AC



96D8C3



88D8DC

Triad

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



96D8C3



C6C7F7



F5BFA6

Complementary

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



96D8C3



D896AB

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.



FCBABA



96D8C3



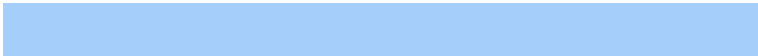
E3BFE9

Square

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



96D8C3



A5CFFA



F6BAD2



E3C79C

Rectangle

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



96D8C3



89D6EA



F6BAD2



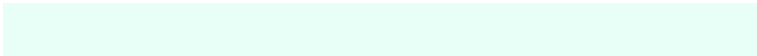
F9BDAC

Sweetspot

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



96D8C3



E8FFF8



ACD896



71807B



000000



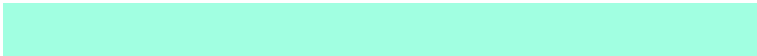
808080

Same Dimension

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



96D8C3



A1FFE1



96CDD8



606B68



00AB74



002B1E

Inverse Universe

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



D896AB



FFA1BF



D8A196



6B6064



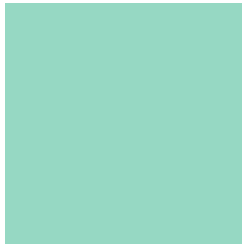
AB0036



2B000E

Previews

White Background



This preview shows how the Hex color 96D8C3 looks on a white background.

Color Contrast Check

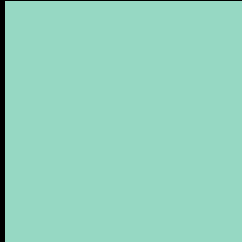
Large Text (above 18pt) WCAG AA × Fail

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 96D8C3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

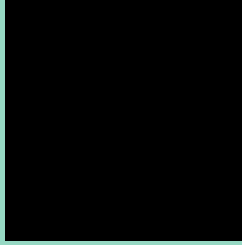
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

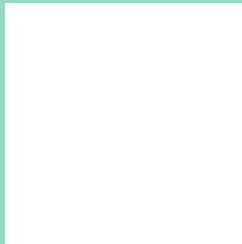
Any Text WCAG AAA ✓ Pass

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

Hex 96D8C3 Background



This preview shows how black text looks on a background with the Hex color 96D8C3.



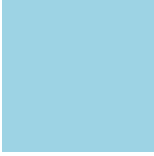
This preview shows how white text looks on a background with the Hex color 96D8C3.

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

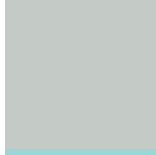
Trichromacy



Original Color
96D8C3



Protanomaly
BCCEBE



Deuteranomaly
C4CBC6

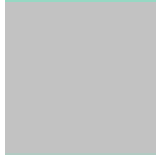


Tritanomaly
9AD5D8

Monochromacy



Original Color
96D8C3



Achromatopsia
C2C2C2



Achromatomaly
B2CAC2

CSS Examples

Text

The CSS property to change the color of the text to Hex 96D8C3 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 #96D8C3 looks like.

```
.text, #text, p{  
    color:#96D8C3  
}
```

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 #96D8C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D8C3
}
```

Border

The CSS property to change the border of an element to Hex 96D8C3 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
#96D8C3 }
```

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

```
.border{ border-color:#96D8C3 }
```

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

Here you see how a box with a 4 pixel #96D8C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D8C3; -webkit-box-shadow:4px 4px  
4px 4px #96D8C3; box-shadow:4px 4px 4px  
4px #96D8C3 }
```

Background

The CSS property to change the background color of an element to Hex 96D8C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D8C3 }
```

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

```
.background{ background-color:#96D8C3 }
```

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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