

Converting Colors

Hex(96DEC8)

Have a look what the booklet for
Hex(96DEC8) contains.

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Color

Hex(96DEC8)

Conversions

Conversions Part 1

Format	Color
Hex	96DEC8
RGB	150, 222, 200
RGB Percent	59%, 87%, 78%
CMY	0.4118, 0.1294, 0.2157
CMYK	0.32, 0.00, 0.10, 0.13
HSL	162°, 52%, 73%
HSV	162°, 32%, 87%
XYZ	49.1243, 62.8967, 64.1947
YIQ	197.9640, -35.8500, -22.1060

Conversions

Conversions Part 2

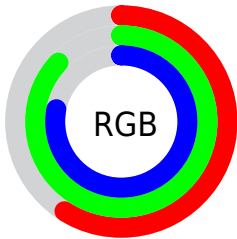
Format	Color
RYB	150, 192, 222
Decimal	9887432
CIELab	83.39, -27.14, 3.65
CIElCh	83, 27.385, 172.330
Yxy	62.8967, 0.2788, 0.3569
Android (android.graphics.Color)	4288077512 (0xFF96DEC8)
YUV	197.9640, 1.0037, -42.0644
Hunter-Lab	79.3074, -28.2223, 7.5234

Details

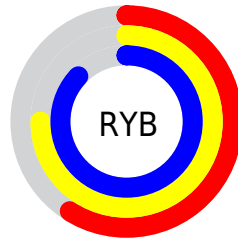
The Hex color **96DEC8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DE96AC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **CEFFFF**, and **60A792** is the 20% darker color. If you saturate the color by 10%, you get **80DEC1**, and if you desaturate by 10%, it is **ACDECF**.

Distribution



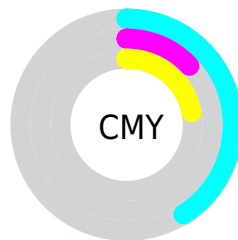
- Red (59%)
- Green (87%)
- Blue (78%)



- Red (59%)
- Yellow (75%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (41%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96DEC8 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 96DEC8 by changing the saturation by 10% instead.

 96DEC8

FFFFFF

 CEFFFF

 EBFFFF

 96DEC8

 7BC2AD

 60A792

 468C78

 2B7260

 085948

 004132

 002B1D

 001403

 000000

 96DEC8

 96DEC8

 80DEC1

 ACDECF

 6ADEBA

 C2DED6

 53DEB4


 D9DEDC

 3DDEAD

 EFDEE3

 27DEA6

 FFDEEA

 11DE9F

 FFDEF1

 00DE9A

 FFDEF7

 FFDEFE

 FFDEFF

Harmonies

Analogous

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



B1DBB0



96DEC8



86DEE2

Triad

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



96DEC8



CBCBFF



FDC4A8

Complementary

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



96DEC8



DE96AC

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.



FFBEBD



96DEC8



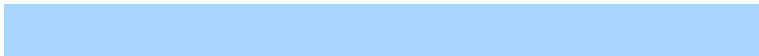
EBC3F0

Square

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



96DEC8



A8D4FF



FFBED7



E9CC9D

Rectangle

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



96DEC8



88DCF2



FFBED7



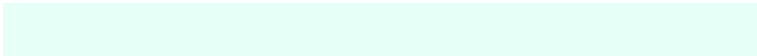
FFC1AE

Sweetspot

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



96DEC8



E6FFF7



ADDE96



70807B



000000



808080

Same Dimension

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



96DEC8



9CFFE1



96D1DE



65706D



00B07A



003022

Inverse Universe

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



DE96AC



FF9CBA



DEA396



706568



B00036



30000F

Previews

White Background



This preview shows how the Hex color 96DEC8 looks on a white background.

Color Contrast Check

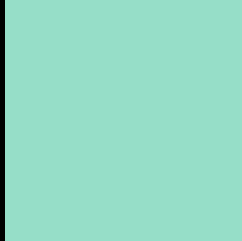
Large Text (above 18pt) WCAG AA × Fail

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 96DEC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

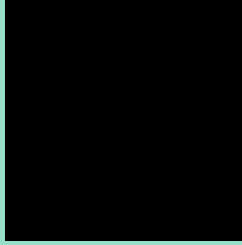
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

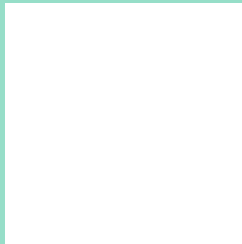
Any Text WCAG AAA ✓ Pass

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

Hex 96DEC8 Background



This preview shows how black text looks on a background with the Hex color 96DEC8.



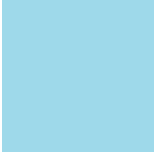
This preview shows how white text looks on a background with the Hex color 96DEC8.

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



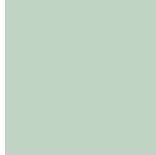


Tritanopia
9ED9EA

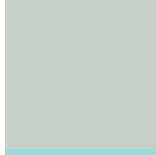
Trichromacy



Original Color
96DEC8



Protanomaly
BFD4C2



Deuteranomaly
C8D0CB



Tritanomaly
9BDBDE

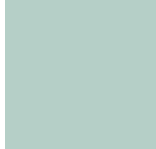
Monochromacy



Original Color
96DEC8



Achromatopsia
C6C6C6



Achromatomaly
B5CFC7

CSS Examples

Text

The CSS property to change the color of the text to Hex 96DEC8 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 #96DEC8 looks like.

```
.text, #text, p{  
    color:#96DEC8  
}
```

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 #96DEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96DEC8  
}
```

Border

The CSS property to change the border of an element to Hex 96DEC8 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  
#96DEC8 }
```

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

```
.border{ border-color:#96DEC8 }
```

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

Here you see how a box with a 4 pixel #96DEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96DEC8; -webkit-box-shadow:4px 4px  
4px 4px #96DEC8; box-shadow:4px 4px 4px  
4px #96DEC8 }
```

Background

The CSS property to change the background color of an element to Hex 96DEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96DEC8 }
```

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

```
.background{ background-color:#96DEC8 }
```

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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