

# Converting Colors

Hex(96EAD7)

Have a look what the booklet for  
Hex(96EAD7) contains.

<b>Hex(96EAD7)</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(96EAD7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96EAD7
RGB	150, 234, 215
RGB Percent	59%, 92%, 84%
CMY	0.4118, 0.0824, 0.1569
CMYK	0.36, 0.00, 0.08, 0.08
HSL	166°, 67%, 75%
HSV	166°, 36%, 92%
XYZ	54.2662, 70.2360, 74.9867
YIQ	206.7180, -43.9650, -23.7170

# Conversions

## Conversions Part 2

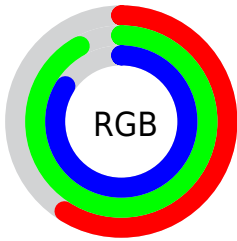
Format	Color
<b>RYB</b>	150, 197, 234
Decimal	9890519
CIELab	87.11, -29.66, 1.16
CIElCh	87, 29.678, 177.758
Yxy	70.2360, 0.2720, 0.3521
Android (android.graphics.Color)	4288080599 (0xFF96EAD7)
YUV	206.7180, 4.0830, -49.7417
Hunter-Lab	83.8069, -31.0806, 5.6147

# Details

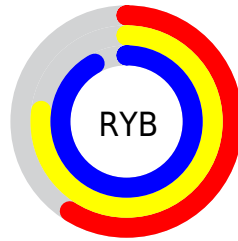
The Hex color **96EAD7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EA96A9**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FB2A0** is the 20% darker color. If you saturate the color by 10%, you get **7FEAD2**, and if you desaturate by 10%, it is **ADEADC**.

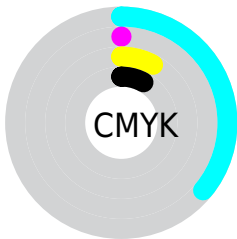
# Distribution



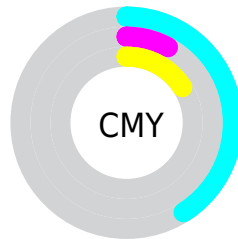
- Red (59%)
- Green (92%)
- Blue (84%)



- Red (59%)
- Yellow (77%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)



- Cyan (41%)
- Magenta (8%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96EAD7 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 96EAD7 by changing the saturation by 10% instead.



 96EAD7

 96EAD7

FFFFFF

 7ACEBB

 CFFFFFF

 5FB2A0

 ECFFFF

 439786

 257D6D

 006355

 004B3E

 003428

 002113

 000000

 96EAD7

 96EAD7

 7FEAD2

 ADEADC

 67EACC

 C5EAE2

 50EAC7

 DCEAE7

 38EAC2

 F4EAEC

 21EABD

 FFEAF1

 0AEAB7

 FFEAF7

 00EAB5

 FFEAFC

 FFEAFF

# Harmonies

## Analogous

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



B3E7BB



96EAD7



88E9F3

# Triad

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



96EAD7



DCD4FF



FFCEAC

# Complementary

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



96EAD7



EA96A9

# 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.



FFC7C1



96EAD7



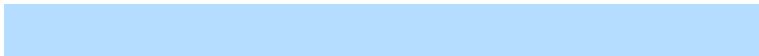
FDCBF9

# Square

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



96EAD7



B5DDFF



FFC6DD



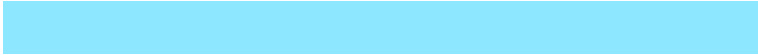
F1D8A2

# Rectangle

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



96EAD7



8DE7FF



FFC6DD



FFCCB2

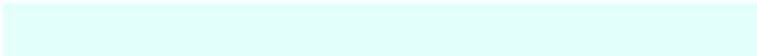


# Sweetspot

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



96EAD7



E3FFF9



AAEA96



6F807C



000000



808080



# Same Dimension

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



96EAD7



91FFE6



96D4EA



6A7573



00B58C



003629



# Inverse Universe

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



EA96A9



FF91AA



EAAC96



756A6C



B50029

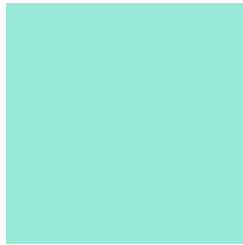


36000C



# Previews

## White Background



This preview shows how the Hex color 96EAD7 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 96EAD7 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 96EAD7 Background



This preview shows how black text looks on a background with the Hex color 96EAD7.

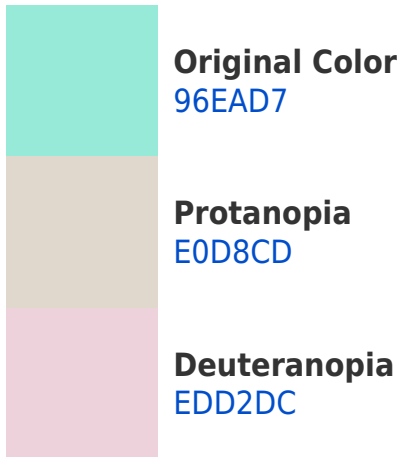


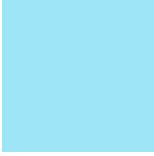
This preview shows how white text looks on a background with the Hex color 96EAD7.

# 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



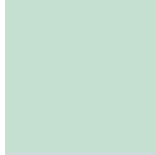


**Tritanopia**  
9EE5F8

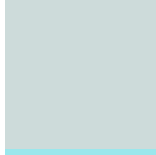
# Trichromacy



**Original Color**  
96EAD7



**Protanomaly**  
C5DFD1



**Deuteranomaly**  
CDDBDA

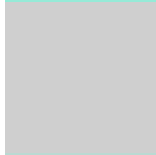


**Tritanomaly**  
9BE7EC

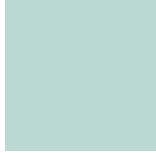
# Monochromacy



**Original Color**  
96EAD7



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
BAD9D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96EAD7 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 #96EAD7 looks like.

```
.text, #text, p{  
    color:#96EAD7  
}
```

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 #96EAD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EAD7
}
```

## Border

The CSS property to change the border of an element to Hex 96EAD7 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
#96EAD7 }
```

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

```
.border{ border-color:#96EAD7 }
```

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

Here you see how a box with a 4 pixel #96EAD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EAD7; -webkit-box-shadow:4px 4px  
4px 4px #96EAD7; box-shadow:4px 4px 4px  
4px #96EAD7 }
```

# Background

The CSS property to change the background color of an element to Hex 96EAD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EAD7 }
```

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

```
.background{ background-color:#96EAD7 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor