

# Converting Colors

Hex(96EFE3)

Have a look what the booklet for  
Hex(96EFE3) contains.

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# **Color**

**Hex(96EFE3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96EFE3
RGB	150, 239, 227
RGB Percent	59%, 94%, 89%
CMY	0.4118, 0.0627, 0.1098
CMYK	0.37, 0.00, 0.05, 0.06
HSL	172°, 74%, 76%
HSV	172°, 37%, 94%
XYZ	57.3093, 73.7631, 83.8902
YIQ	211.0210, -49.1920, -22.6000

# Conversions

## Conversions Part 2

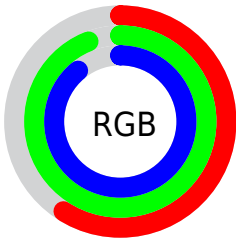
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 198, 239
Decimal	9891811
CIELab	88.81, -29.36, -2.64
CIElCh	89, 29.479, 185.142
Yxy	73.7631, 0.2666, 0.3431
Android (android.graphics.Color)	4288081891 (0xFF96EFE3)
YUV	211.0210, 7.8776, -53.5154
Hunter-Lab	85.8854, -31.1907, 2.2072

# Details

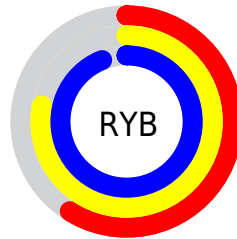
The Hex color **96EFE3** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EF96A2**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **CFFFFFF**, and **5EB7AC** is the 20% darker color. If you saturate the color by 10%, you get **7EEFE0**, and if you desaturate by 10%, it is **AEEFE6**.

# Distribution



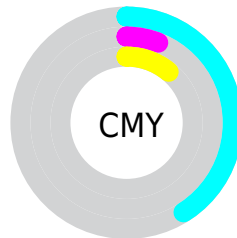
- Red (59%)
- Green (94%)
- Blue (89%)



- Red (59%)
- Yellow (78%)
- Blue (94%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (41%)
- Magenta (6%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96EFE3 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 96EFE3 by changing the saturation by 10% instead.



 96EFE3

 96EFE3

FFFFFF

 7AD3C7

 CFFFFFF

 5EB7AC

 EDFFFF

 419C91

 218178

 00685F

 004F47

 003831

 00231C

 000001

 96EFE3

 96EFE3

 7EEFE0

 AEEFE6

 66EFDD

 C6EFE9

 4EEFD9

 DEEFED

 36EFD6

 F6EFF0

 1FEFD3

 FFEFF3

 07EFD0

 FFEFF6

 00EFCF

 FFEFFA

 FFEFFD

 FFEFFF

# Harmonies

## Analogous

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



B0EDC7



96EFE3



8EEEFE

# Triad

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



96EFE3



EAD6FF



FFD5AD

# Complementary

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



96EFE3



EF96A2

# 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.



FFCEC0



96EFE3



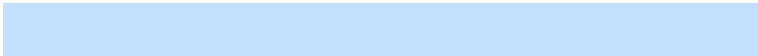
FFCEF7

# Square

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



96EFE3



C4E0FF



FFCBDB



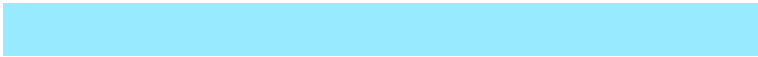
EFDFA7

# Rectangle

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



96EFE3



97EAFF



FFCBDB



FFD2B2

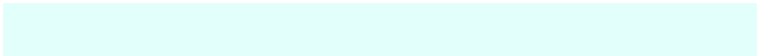


# Sweetspot

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



96EFE3



E3FFFB



A3EF96



6F807D



000000



808080

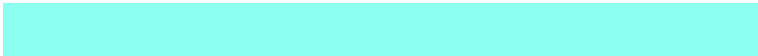


# Same Dimension

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



96EFE3



8CFFF0



96D0EF



6C7876



00B89F



003831



# Inverse Universe

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



EF96A2



FF8C9C



EFB596



786C6D



B80019

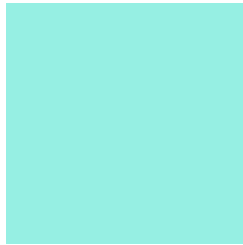


380008



# Previews

## White Background



This preview shows how the Hex color 96EFE3 looks on a white background.

## Color Contrast Check

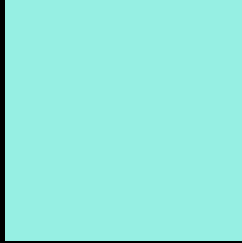
Large Text (above 18pt) WCAG AA × Fail

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 96EFE3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

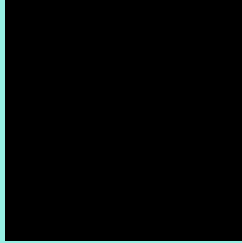
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96EFE3 Background



This preview shows how black text looks on a background with the Hex color 96EFE3.

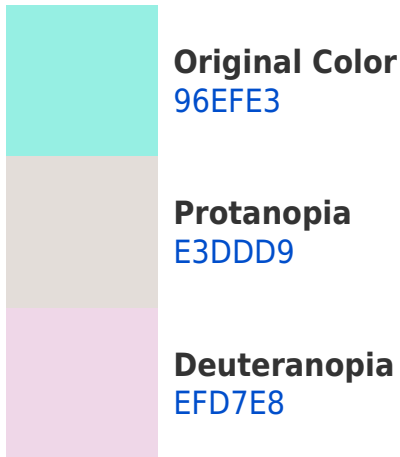


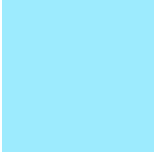
This preview shows how white text looks on a background with the Hex color 96EFE3.

# 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



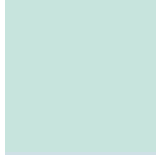


**Tritanopia**  
9DEBFE

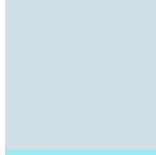
# Trichromacy



**Original Color**  
96EFE3



**Protanomaly**  
C7E4DD



**Deuteranomaly**  
CFE0E6

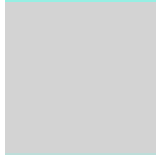


**Tritanomaly**  
9AECF4

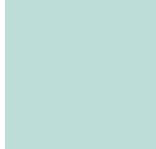
# Monochromacy



**Original Color**  
96EFE3



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
BDDDD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96EFE3 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 #96EFE3 looks like.

```
.text, #text, p{  
    color:#96EFE3  
}
```

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 #96EFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EFE3  
}
```

## Border

The CSS property to change the border of an element to Hex 96EFE3 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  
#96EFE3 }
```

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

```
.border{ border-color:#96EFE3 }
```

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

Here you see how a box with a 4 pixel #96EFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EFE3; -webkit-box-shadow:4px 4px  
4px 4px #96EFE3; box-shadow:4px 4px 4px  
4px #96EFE3 }
```

# Background

The CSS property to change the background color of an element to Hex 96EFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EFE3 }
```

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

```
.background{ background-color:#96EFE3 }
```

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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