

Converting Colors

Hex(96EDD7)

Have a look what the booklet for
Hex(96EDD7) contains.

| | |
|--|----|
| Hex(96EDD7) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(96EDD7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 96EDD7 |
| RGB | 150, 237, 215 |
| RGB Percent | 59%, 93%, 84% |
| CMY | 0.4118, 0.0706, 0.1569 |
| CMYK | 0.37, 0.00, 0.09, 0.07 |
| HSL | 165°, 71%, 76% |
| HSV | 165°, 37%, 93% |
| XYZ | 55.1276, 71.9587, 75.2739 |
| YIQ | 208.4790, -44.7900, -25.2860 |

Conversions

Conversions Part 2

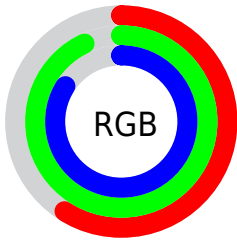
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 150, 200, 237 |
| Decimal | 9891287 |
| CIELab | 87.95, -31.08, 2.38 |
| CIElCh | 88, 31.167, 175.625 |
| Yxy | 71.9587, 0.2724, 0.3556 |
| Android (android.graphics.Color) | 4288081367 (0xFF96EDD7) |
| YUV | 208.4790, 3.2149, -51.2861 |
| Hunter-Lab | 84.8285, -32.4478, 6.7680 |

Details

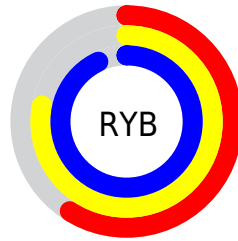
The Hex color **96EDD7** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED96AC**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FB5A0** is the 20% darker color. If you saturate the color by 10%, you get **7EEDD1**, and if you desaturate by 10%, it is **AEEDDD**.

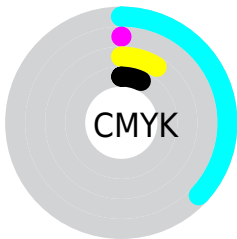
Distribution



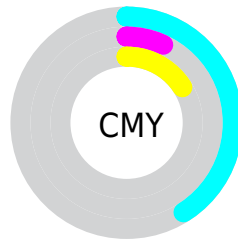
- Red (59%)
- Green (93%)
- Blue (84%)



- Red (59%)
- Yellow (78%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)



- Cyan (41%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96EDD7 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 96EDD7 by changing the saturation by 10% instead.

 96EDD7

FFFFFF

 CFFFFFF

 ECFFFF

 96EDD7

 7AD1BB

 5FB5A0

 439A86

 247F6D

 006655

 004D3E

 003628

 002213

 000000

 96EDD7

 96EDD7

 7EEDD1

 AEEDDD

 67EDCB

 C5EDE3

 4FEDC5

 DDEDE9

 37EDBF

 F5EDEF

 1FEDB9

 FFEDF5

 08EDB3

 FFEDFB

 00EDB1

 FFEDFF

Harmonies

Analogous

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



B5E9BA



96EDD7



85EDF5

Triad

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



96EDD7



DBD6FF



FFCFAD

Complementary

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



96EDD7



ED96AC

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.



FFC8C4



96EDD7



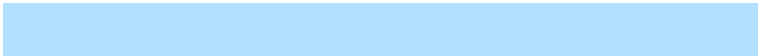
FFCDFE

Square

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



96EDD7



B2E1FF



FFC7E2



F6D9A2

Rectangle

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



96EDD7



88EAFF



FFC7E2



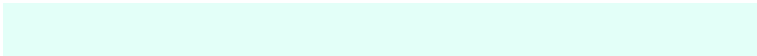
FFCDB3

Sweetspot

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



96EDD7



E3FFF8



ADED96



6F807B



000000



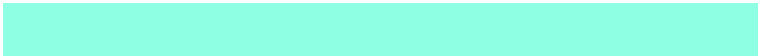
808080

Same Dimension

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



96EDD7



8FFFE3



96D9ED



6A7572



00B587



003628

Inverse Universe

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



ED96AC



FF8FAB



EDAA96



756A6D



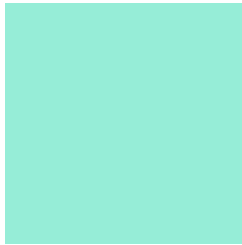
B5002E



36000E

Previews

White Background



This preview shows how the Hex color 96EDD7 looks on a white background.

Color Contrast Check

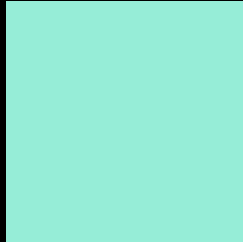
Large Text (above 18pt) WCAG AA × Fail

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 96EDD7 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 96EDD7 Background



This preview shows how black text looks on a background with the Hex color 96EDD7.

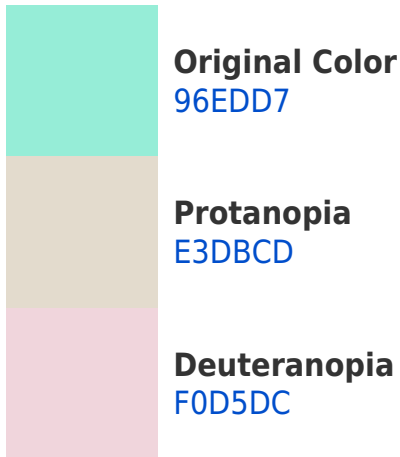


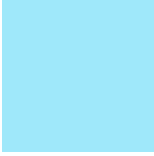
This preview shows how white text looks on a background with the Hex color 96EDD7.

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



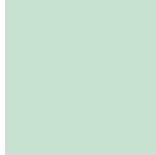


Tritanopia
9FE8FA

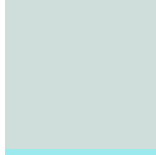
Trichromacy



Original Color
96EDD7



Protanomaly
C7E2D1



Deuteranomaly
CFDEDA

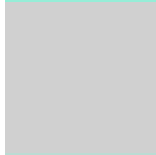


Tritanomaly
9CEAED

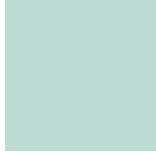
Monochromacy



Original Color
96EDD7



Achromatopsia
D0D0D0



Achromatomaly
BBDBD3

CSS Examples

Text

The CSS property to change the color of the text to Hex 96EDD7 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 #96EDD7 looks like.

```
.text, #text, p{  
  color:#96EDD7  
}
```

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 #96EDD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EDD7  
}
```

Border

The CSS property to change the border of an element to Hex 96EDD7 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  
#96EDD7 }
```

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

```
.border{ border-color:#96EDD7 }
```

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

Here you see how a box with a 4 pixel #96EDD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EDD7; -webkit-box-shadow:4px 4px  
4px 4px #96EDD7; box-shadow:4px 4px 4px  
4px #96EDD7 }
```

Background

The CSS property to change the background color of an element to Hex 96EDD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EDD7 }
```

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

```
.background{ background-color:#96EDD7 }
```

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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