

Converting Colors

Hex(96EDD4)

Have a look what the booklet for
Hex(96EDD4) contains.

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Color

Hex(96EDD4)

Conversions

Conversions Part 1

Format	Color
Hex	96EDD4
RGB	150, 237, 212
RGB Percent	59%, 93%, 83%
CMY	0.4118, 0.0706, 0.1686
CMYK	0.37, 0.00, 0.11, 0.07
HSL	163°, 71%, 76%
HSV	163°, 37%, 93%
XYZ	54.7455, 71.8059, 73.2619
YIQ	208.1370, -43.8270, -26.2190

Conversions

Conversions Part 2

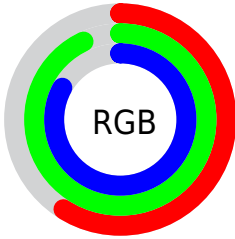
Format	Color
RYB	150, 201, 237
Decimal	9891284
CIELab	87.88, -31.72, 3.84
CIElCh	88, 31.956, 173.098
Yxy	71.8059, 0.2740, 0.3594
Android (android.graphics.Color)	4288081364 (0xFF96EDD4)
YUV	208.1370, 1.9045, -50.9861
Hunter-Lab	84.7383, -32.9715, 8.0567

Details

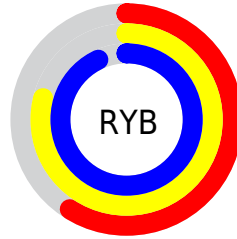
The Hex color **96EDD4** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **ED96AF**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **CFFFFFF**, and **5FB59D** is the 20% darker color. If you saturate the color by 10%, you get **7EEDCD**, and if you desaturate by 10%, it is **AEEDDB**.

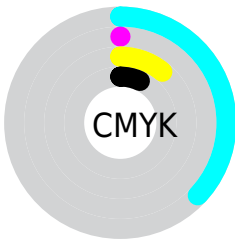
Distribution



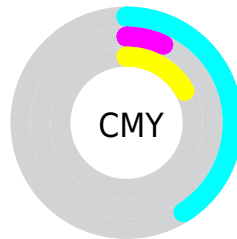
- Red (59%)
- Green (93%)
- Blue (83%)



- Red (59%)
- Yellow (79%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (41%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96EDD4 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 96EDD4 by changing the saturation by 10% instead.

 96EDD4

FFFFFF

 CFFFFFF

 ECFFFF

 96EDD4

 7AD1B8

 5FB59D

 439A83

 247F6A

 006652

 004D3B

 003625

 002211

 000000

 96EDD4

 96EDD4

 7EEDCD

 AEEDDB

 67EDC6

 C5EDE2

 4FEDC0

 DDEDE8

 37EDB9

 F5EDEF

 1FEDB2

 FFEDF6

 08EDAB

 FFEDFD

 00EDA9

 FFEDFF

Harmonies

Analogous

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



B7E9B7



96EDD4



82EDF3

Triad

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



96EDD4



D8D7FF



FFCEAD

Complementary

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



96EDD4



ED96AF

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.



FFC7C6



96EDD4



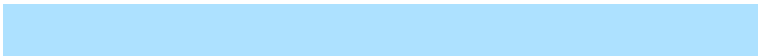
FDCDFF

Square

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



96EDD4



ADE1FF



FFC7E5



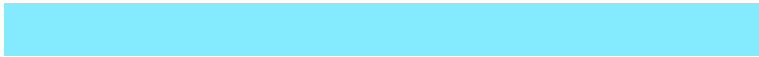
F9D8A0

Rectangle

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



96EDD4



84EBFF



FFC7E5



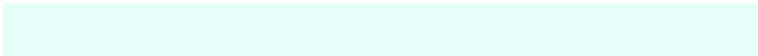
FFCBB4

Sweetspot

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



96EDD4



E3FFF7



B0ED96



6F807B



000000



808080

Same Dimension

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



96EDD4



8FFFDF



96DCED



6A7572



00B581



003626

Inverse Universe

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



ED96AF



FF8FAF



EDA796



756A6D



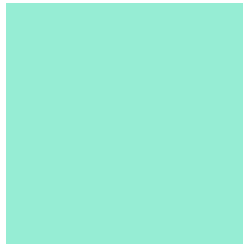
B50034



36000F

Previews

White Background



This preview shows how the Hex color 96EDD4 looks on a white background.

Color Contrast Check

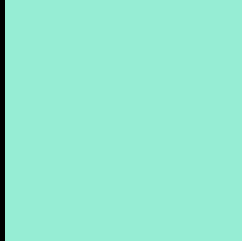
Large Text (above 18pt) WCAG AA × Fail

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 96EDD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

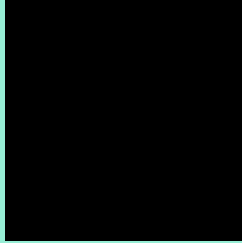
Any Text WCAG AA ✓ Pass

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 96EDD4 Background



This preview shows how black text looks on a background with the Hex color 96EDD4.

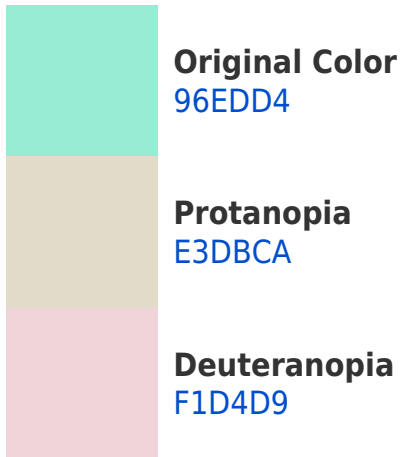


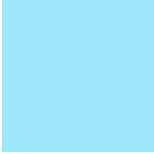
This preview shows how white text looks on a background with the Hex color 96EDD4.

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



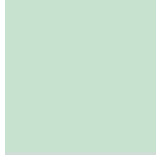


Tritanopia
9FE7FA

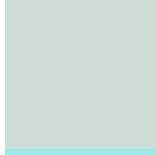
Trichromacy



Original Color
96EDD4



Protanomaly
C7E2CE



Deuteranomaly
D0DDD7

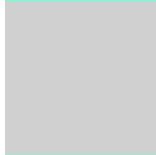


Tritanomaly
9CE9EC

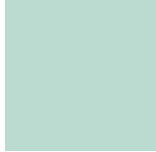
Monochromacy



Original Color
96EDD4



Achromatopsia
D0D0D0



Achromatomaly
BBDBD1

CSS Examples

Text

The CSS property to change the color of the text to Hex 96EDD4 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 #96EDD4 looks like.

```
.text, #text, p{  
  color:#96EDD4  
}
```

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 #96EDD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96EDD4
}
```

Border

The CSS property to change the border of an element to Hex 96EDD4 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
#96EDD4 }
```

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

```
.border{ border-color:#96EDD4 }
```

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

Here you see how a box with a 4 pixel #96EDD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96EDD4; -webkit-box-shadow:4px 4px  
4px 4px #96EDD4; box-shadow:4px 4px 4px  
4px #96EDD4 }
```

Background

The CSS property to change the background color of an element to Hex 96EDD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96EDD4 }
```

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

```
.background{ background-color:#96EDD4 }
```

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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