

Converting Colors

Hex(96ECEC)

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

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Color

Hex(96ECEC)

Conversions

Conversions Part 1

Format	Color
Hex	96ECEC
RGB	150, 236, 236
RGB Percent	59%, 93%, 93%
CMY	0.4118, 0.0745, 0.0745
CMYK	0.36, 0.00, 0.00, 0.07
HSL	180°, 69%, 76%
HSV	180°, 36%, 93%
XYZ	57.7135, 72.5311, 90.3150
YIQ	210.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

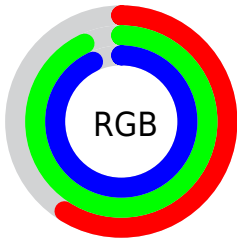
Format	Color
RYB	150, 193, 236
Decimal	9891052
CIELab	88.22, -25.84, -8.22
CIELCh	88, 27.117, 197.646
Yxy	72.5311, 0.2617, 0.3289
Android (android.graphics.Color)	4288081132 (0xFF96ECEC)
YUV	210.2860, 12.6770, -52.8708
Hunter-Lab	85.1652, -28.0759, -3.2595

Details

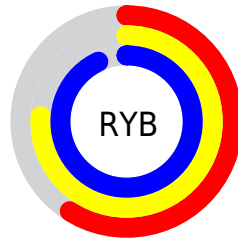
The Hex color **96ECEC** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC9696**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **CFFFFFF**, and **5EB4B4** is the 20% darker color. If you saturate the color by 10%, you get **7EECEC**, and if you desaturate by 10%, it is **AEECEC**.

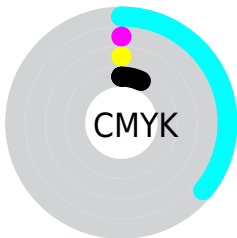
Distribution



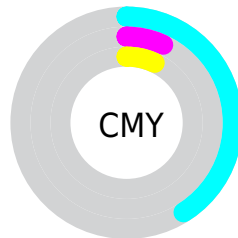
- Red (59%)
- Green (93%)
- Blue (93%)



- Red (59%)
- Yellow (76%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



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

Brightness & Saturation Gradients

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

 96ECEC

 96ECEC

FFFFFF

 7AD0D0

 CFFFFFF

 5EB4B4

 EDFFFF

 419999

 207F80

 006567

 004D4F

 003638

 002122

 00000C

 96ECEC

 96ECEC

 7EECEC

 AEECEC

 67ECEC

 C5ECEC

 4FECEC

 DDECEC

 38ECEC

 F4ECEC

 20ECEC

 FFECEC

 08ECEC

 00ECEC

Harmonies

Analogous

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



A8EBD1



96ECEC



99E9FF

Triad

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



96ECEC



F4D2FF



FBD8AB

Complementary

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



96ECEC



EC9696

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.



FFD0B8



96ECEC



FFCCE9

Square

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



96ECEC



D3DAFF



FFCBCF



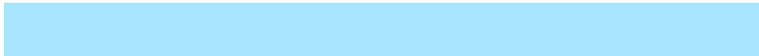
E1E0AC

Rectangle

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



96ECEC



A7E5FF



FFCBCF



FFD5AE

Sweetspot

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



96ECEC



E3FFFF



96EC96



6F8080



000000



808080

Same Dimension

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



96ECEC



8FFFFFF



96C1EC



6A7575



00B5B5



003636

Inverse Universe

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



EC96EC



FF8FFF



ECC196



756A75



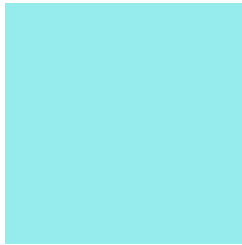
B500B5



360036

Previews

White Background



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

Color Contrast Check

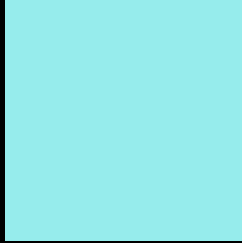
Large Text (above 18pt) WCAG AA × Fail

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 96ECEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

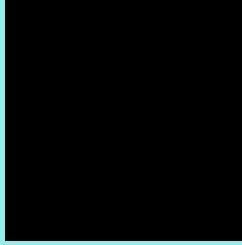
Any Text WCAG AA ✓ Pass

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 96ECEC Background



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

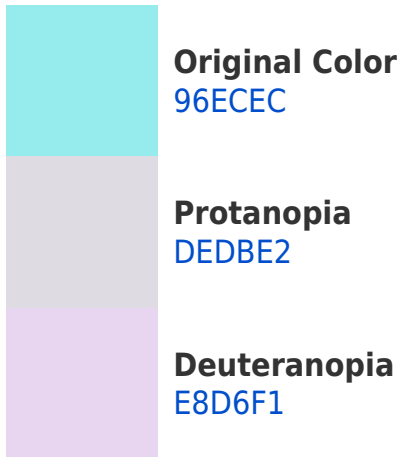


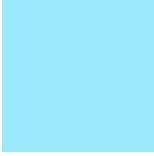
This preview shows how white text looks on a background with the Hex color 96ECEC.

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



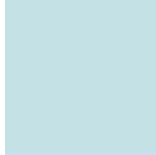


Tritanopia
9AE9FC

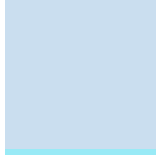
Trichromacy



Original Color
96ECEC



Protanomaly
C4E1E6



Deuteranomaly
CADEEF

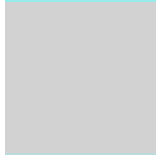


Tritanomaly
99EAF6

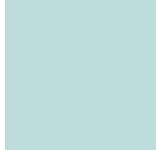
Monochromacy



Original Color
96ECEC



Achromatopsia
D2D2D2



Achromatomaly
BCDBDB

CSS Examples

Text

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

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

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 #96ECEC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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