

Converting Colors

Hex(96FFE3)

Have a look what the booklet for
Hex(96FFE3) contains.

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Color

Hex(96FFE3)

Conversions

Conversions Part 1

Format	Color
Hex	96FFE3
RGB	150, 255, 227
RGB Percent	59%, 100%, 89%
CMY	0.4118, 0.0000, 0.1098
CMYK	0.41, 0.00, 0.11, 0.00
HSL	164°, 100%, 79%
HSV	164°, 41%, 100%
XYZ	62.2028, 83.5501, 85.5214
YIQ	220.4130, -53.5920, -30.9680

Conversions

Conversions Part 2

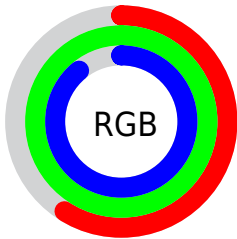
Format	Color
RYB	150, 211, 255
Decimal	9895907
CIELab	93.25, -36.82, 3.84
CIElCh	93, 37.021, 174.047
Yxy	83.5501, 0.2690, 0.3613
Android (android.graphics.Color)	4288085987 (0xFF96FFE3)
YUV	220.4130, 3.2474, -61.7522
Hunter-Lab	91.4057, -38.4884, 8.5109

Details

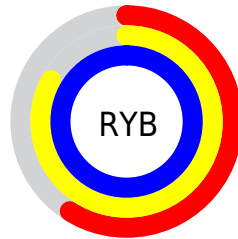
The Hex color **96FFE3** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FF96B2**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **D0FFFF**, and **5CC6AC** is the 20% darker color. If you saturate the color by 10%, you get **7DFFDC**, and if you desaturate by 10%, it is **B0FFEA**.

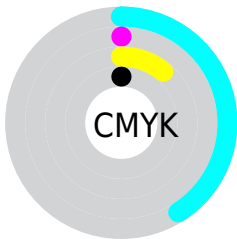
Distribution



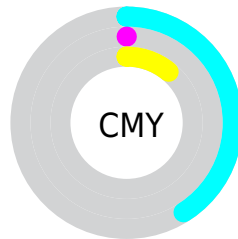
- Red (59%)
- Green (100%)
- Blue (89%)



- Red (59%)
- Yellow (83%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (41%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96FFE3 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 96FFE3 by changing the saturation by 10% instead.

 96FFE3

 96FFE3

FFFFFF

 79E2C7

 D0FFFF

 5CC6AC

 EEEFFF

 3EAA91

 198F78

 00755F

 005C47

 004431

 002D1C

 001402

 96FFE3

 96FFE3

 7DFFDC

 B0FFEA

 63FFD5

 C9FFF1

 4AFFCF

 E3FFF7

 30FFC8

 FCFFE

 17FFC1

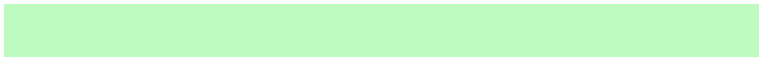
 FFFFFF

 00FFBB

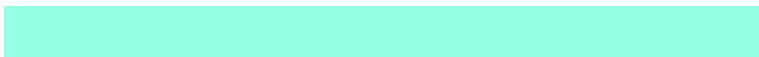
Harmonies

Analogous

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



BEFBC1



96FFE3



7CFFFF

Triad

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



96FFE3



E7E5FF



FFDBB3

Complementary

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



96FFE3



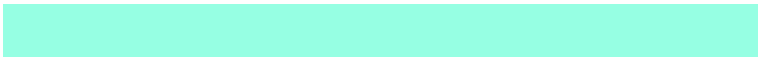
FF96B2

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.



FFD3D0



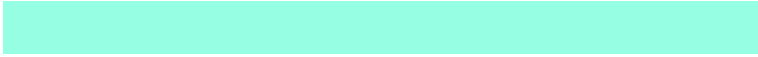
96FFE3



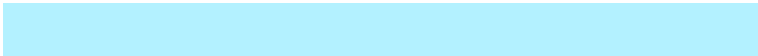
FFD9FF

Square

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



96FFE3



B3F1FF



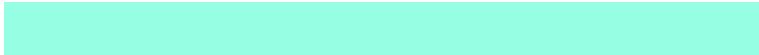
FFD2F4



FFE7A5

Rectangle

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



96FFE3



7FFCFF



FFD2F4



FFD8BC

Sweetspot

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



96FFE3



E0FFF7



B2FF96



6E807B



000000



808080

Same Dimension

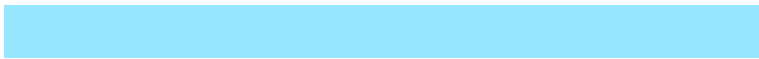
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96FFE3



82FFDE



96E7FF



73807C



00BF8C



00402F

Inverse Universe

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



FF96B2



FF82A3



FFAF96



807376



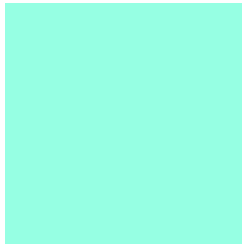
BF0033



400011

Previews

White Background



This preview shows how the Hex color 96FFE3 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 96FFE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

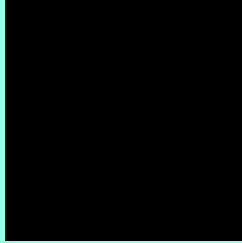
Any Text WCAG AA ✓ Pass

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 96FFE3 Background



This preview shows how black text looks on a background with the Hex color 96FFE3.

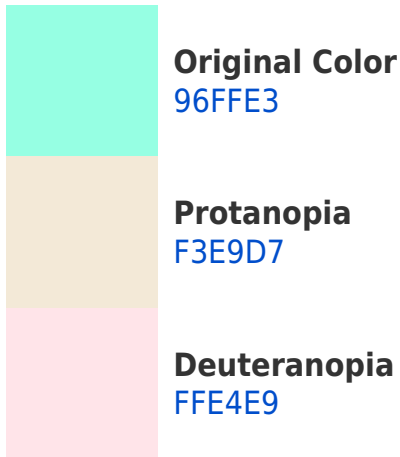


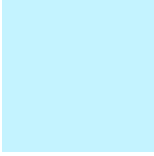
This preview shows how white text looks on a background with the Hex color 96FFE3.

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



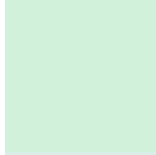


Tritanopia
C4F3FF

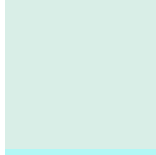
Trichromacy



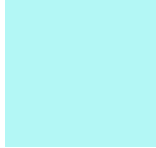
Original Color
96FFE3



Protanomaly
D1F1DB



Deuteranomaly
D9EEE7

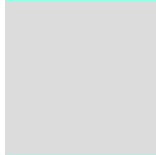


Tritanomaly
B3F7F5

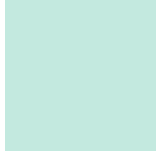
Monochromacy



Original Color
96FFE3



Achromatopsia
DCDCDC



Achromatomaly
C3E9DF

CSS Examples

Text

The CSS property to change the color of the text to Hex 96FFE3 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 #96FFE3 looks like.

```
.text, #text, p{  
    color:#96FFE3  
}
```

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 #96FFE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96FFE3  
}
```

Border

The CSS property to change the border of an element to Hex 96FFE3 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  
#96FFE3 }
```

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

```
.border{ border-color:#96FFE3 }
```

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

Here you see how a box with a 4 pixel #96FFE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96FFE3; -webkit-box-shadow:4px 4px  
4px 4px #96FFE3; box-shadow:4px 4px 4px  
4px #96FFE3 }
```

Background

The CSS property to change the background color of an element to Hex 96FFE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96FFE3 }
```

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

```
.background{ background-color:#96FFE3 }
```

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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