

Converting Colors

Hex(96F9EA)

Have a look what the booklet for
Hex(96F9EA) contains.

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Color

Hex(96F9EA)

Conversions

Conversions Part 1

Format	Color
Hex	96F9EA
RGB	150, 249, 234
RGB Percent	59%, 98%, 92%
CMY	0.4118, 0.0235, 0.0824
CMYK	0.40, 0.00, 0.06, 0.02
HSL	171°, 89%, 78%
HSV	171°, 40%, 98%
XYZ	61.3046, 80.1759, 90.0863
YIQ	217.6890, -54.1890, -25.6530

Conversions

Conversions Part 2

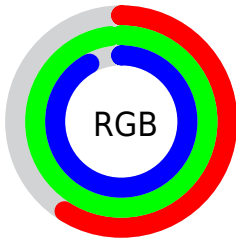
Format	Color
R _{YB}	150, 204, 249
Decimal	9894378
CIE Lab	91.76, -32.49, -1.96
CIE LCh	92, 32.553, 183.447
Yxy	80.1759, 0.2647, 0.3462
Android (android.graphics.Color)	4288084458 (0xFF96F9EA)
YUV	217.6890, 8.0413, -59.3633
Hunter-Lab	89.5410, -34.4859, 3.0276

Details

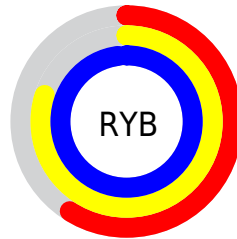
The Hex color **96F9EA** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F996A5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D0FFFF**, and **5DC0B2** is the 20% darker color. If you saturate the color by 10%, you get **7DF9E6**, and if you desaturate by 10%, it is **AFF9EE**.

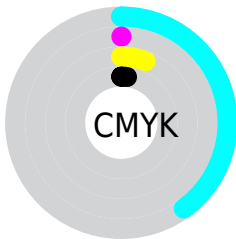
Distribution



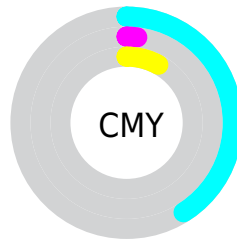
- Red (59%)
- Green (98%)
- Blue (92%)



- Red (59%)
- Yellow (80%)
- Blue (98%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (41%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96F9EA 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 96F9EA by changing the saturation by 10% instead.

 96F9EA

FFFFFF

 D0FFFF

 EDFFFF

 96F9EA

 79DCCE

 5DC0B2

 3FA598

 1B8A7E

 007065

 00574D

 003F36

 002921

 000C0B

 96F9EA

 96F9EA

 7DF9E6

 AFF9EE

 64F9E2

 C8F9F2

 4BF9DF

 E1F9F5

 32F9DB

 FAF9F9

 19F9D7

 FFF9FD

 01F9D3

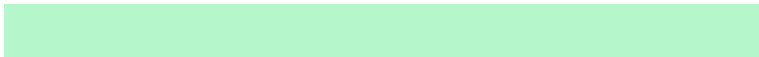
 FFF9FF

 00F9D3

Harmonies

Analogous

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



B5F6CA



96F9EA



8AF8FF

Triad

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



96F9EA



F1DEFF



FFDCB0

Complementary

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



96F9EA



F996A5

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.



FFD4C6



96F9EA



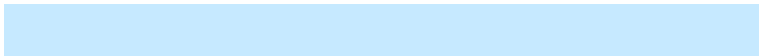
FFD5FF

Square

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



96F9EA



C6E9FF



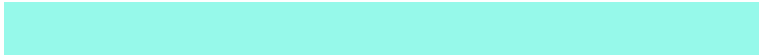
FFD1E5



FBE7A9

Rectangle

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



96F9EA



94F4FF



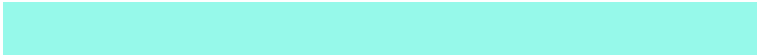
FFD1E5



FFD9B6

Sweetspot

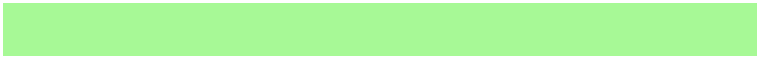
The Sweet Spot groups the original color and five complimentary colors.



96F9EA



E0FFFA



A7F996



6E807D



000000



808080

Same Dimension

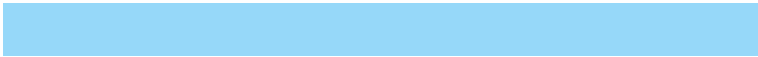
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96F9EA



85FFEC



96D8F9



707D7B



00BDA0



003D34

Inverse Universe

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



F996A5



FF8597



F9B796



7D7072



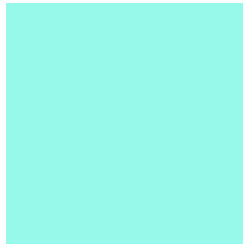
BD001D



3D0009

Previews

White Background



This preview shows how the Hex color 96F9EA looks on a white background.

Color Contrast Check

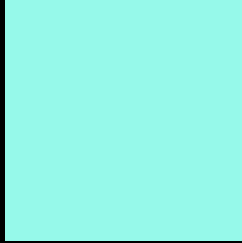
Large Text (above 18pt) WCAG AA × Fail

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 96F9EA 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 96F9EA Background



This preview shows how black text looks on a background with the Hex color 96F9EA.



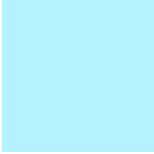
This preview shows how white text looks on a background with the Hex color 96F9EA.

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



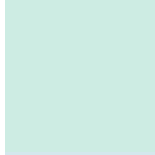


Tritanopia
B6F1FF

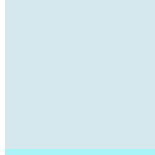
Trichromacy



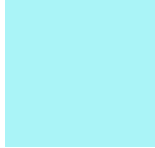
Original Color
96F9EA



Protanomaly
CDECE3



Deuteranomaly
D4E8ED

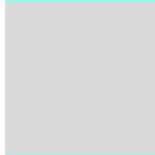


Tritanomaly
AAF4F7

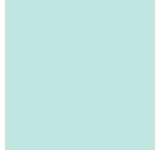
Monochromacy



Original Color
96F9EA



Achromatopsia
DADADA



Achromatomaly
C1E5E0

CSS Examples

Text

The CSS property to change the color of the text to Hex 96F9EA 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 #96F9EA looks like.

```
.text, #text, p{  
    color:#96F9EA  
}
```

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 #96F9EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96F9EA
}
```

Border

The CSS property to change the border of an element to Hex 96F9EA 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
#96F9EA }
```

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

```
.border{ border-color:#96F9EA }
```

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

Here you see how a box with a 4 pixel #96F9EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96F9EA; -webkit-box-shadow:4px 4px  
4px 4px #96F9EA; box-shadow:4px 4px 4px  
4px #96F9EA }
```

Background

The CSS property to change the background color of an element to Hex 96F9EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96F9EA }
```

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

```
.background{ background-color:#96F9EA }
```

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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