

Converting Colors

Hex(96BFE4)

Have a look what the booklet for
Hex(96BFE4) contains.

Hex(96BFE4)	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(96BFE4)

Conversions

Conversions Part 1

Format	Color
Hex	96BFE4
RGB	150, 191, 228
RGB Percent	59%, 75%, 89%
CMY	0.4118, 0.2510, 0.1059
CMYK	0.34, 0.16, 0.00, 0.11
HSL	208°, 59%, 74%
HSV	208°, 34%, 89%
XYZ	45.2121, 49.3471, 80.5408
YIQ	182.9590, -36.3130, 2.8150

Conversions

Conversions Part 2

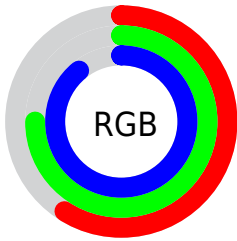
Format	Color
RYB	150, 177, 228
Decimal	9879524
CIELab	75.67, -4.81, -22.83
CIElCh	76, 23.331, 258.112
Yxy	49.3471, 0.2582, 0.2818
Android (android.graphics.Color)	4288069604 (0xFF96BFE4)
YUV	182.9590, 22.2052, -28.9050
Hunter-Lab	70.2475, -8.0484, -18.8045

Details

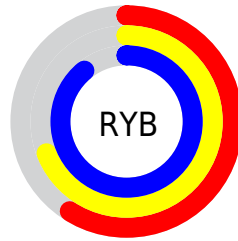
The Hex color **96BFE4** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E4BB96**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **CEF7FF**, and **608AAC** is the 20% darker color. If you saturate the color by 10%, you get **7FB4E4**, and if you desaturate by 10%, it is **ADCAE4**.

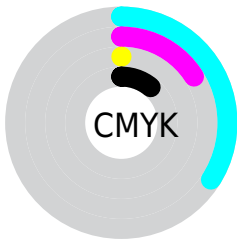
Distribution



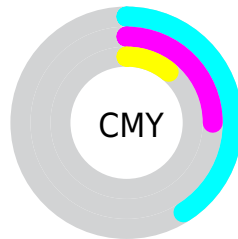
- Red (59%)
- Green (75%)
- Blue (89%)



- Red (59%)
- Yellow (69%)
- Blue (89%)



- Cyan (34%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96BFE4 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 96BFE4 by changing the saturation by 10% instead.

■ 96BFE4

■ 96BFE4

FFFFFF

■ 7BA4C8

■ CEF7FF

■ 608AAC

■ EBFFFF

■ 467092

■ 2B5878

■ 09415F

■ 002B47

■ 001731

■ 00011C

■ 000000

■ 96BFE4

■ 96BFE4

■ 7FB4E4

■ ADCAE4

■ 68A9E4

■ C4D5E4

■ 529FE4

■ DADFE4

■ 3B94E4

■ F1EAE4

■ 2489E4

■ FFF5E4

■ 0D7EE4

■ FFFFE4

■ 0078E4

Harmonies

Analogous

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



82C4DA



96BFE4



B3B8E3

Triad

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



96BFE4



E7ABAE



A4C39D

Complementary

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



96BFE4



E4BB96

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.



BDBD91



96BFE4



E2AF9B

Square

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



96BFE4



E0ACC4



D3B691



8EC6B1

Rectangle

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



96BFE4



C5B3DC



D3B691



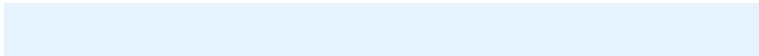
ADC198

Sweetspot

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



96BFE4



E6F3FF



96E4BA



707880



000000



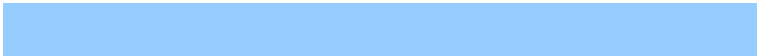
808080

Same Dimension

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



96BFE4



96CDFF



9699E4



676D73



005EB3



001B33

Inverse Universe

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



E496BF



FF96CD



E4E196



73676D



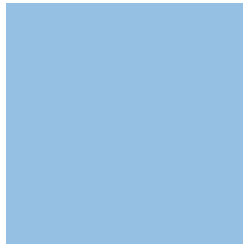
B3005E



33001B

Previews

White Background



This preview shows how the Hex color 96BFE4 looks on a white background.

Color Contrast Check

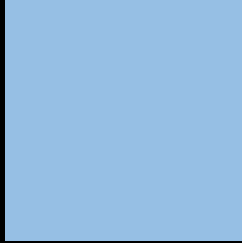
Large Text (above 18pt) WCAG AA × Fail

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 96BFE4 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 96BFE4 Background



This preview shows how black text looks on a background with the Hex color 96BFE4.



This preview shows how white text looks on a background with the Hex color 96BFE4.

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](#).

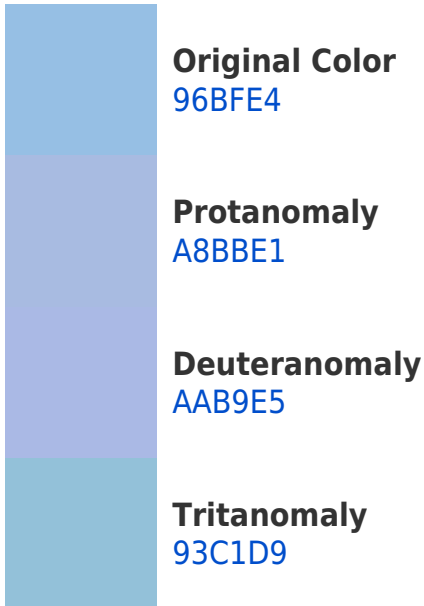
Dichromacy



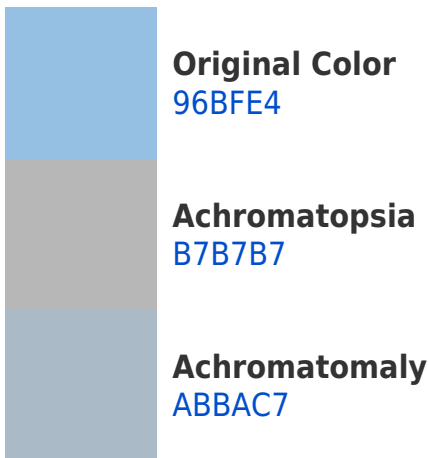


Tritanopia
92C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96BFE4 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 #96BFE4 looks like.

```
.text, #text, p{  
    color:#96BFE4  
}
```

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 #96BFE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BFE4
}
```

Border

The CSS property to change the border of an element to Hex 96BFE4 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
#96BFE4 }
```

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

```
.border{ border-color:#96BFE4 }
```

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

Here you see how a box with a 4 pixel #96BFE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BFE4; -webkit-box-shadow:4px 4px  
4px 4px #96BFE4; box-shadow:4px 4px 4px  
4px #96BFE4 }
```

Background

The CSS property to change the background color of an element to Hex 96BFE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BFE4 }
```

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

```
.background{ background-color:#96BFE4 }
```

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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