

Converting Colors

Hex(96E9F5)

Have a look what the booklet for
Hex(96E9F5) contains.

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Color

Hex(96E9F5)

Conversions

Conversions Part 1

Format	Color
Hex	96E9F5
RGB	150, 233, 245
RGB Percent	59%, 91%, 96%
CMY	0.4118, 0.0863, 0.0392
CMYK	0.39, 0.05, 0.00, 0.04
HSL	188°, 83%, 77%
HSV	188°, 39%, 96%
XYZ	58.1980, 71.3544, 97.0916
YIQ	209.5510, -53.3200, -13.8640

Conversions

Conversions Part 2

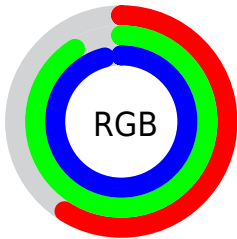
Format	Color
R _Y B	150, 194, 245
Decimal	9890293
CIE Lab	87.66, -22.22, -13.78
CIE LCh	88, 26.145, 211.817
Yxy	71.3544, 0.2568, 0.3148
Android (android.graphics.Color)	4288080373 (0xFF96E9F5)
YUV	209.5510, 17.4764, -52.2262
Hunter-Lab	84.4716, -24.8448, -9.0179

Details

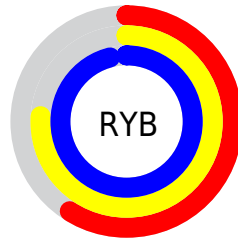
The Hex color **96E9F5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **F5A296**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **D0FFFF**, and **5DB1BD** is the 20% darker color. If you saturate the color by 10%, you get **7DE6F5**, and if you desaturate by 10%, it is **AFECF5**.

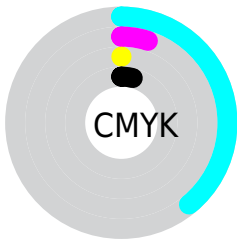
Distribution



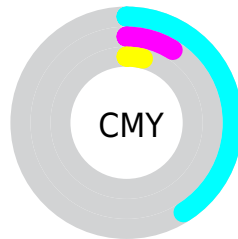
- Red (59%)
- Green (91%)
- Blue (96%)



- Red (59%)
- Yellow (76%)
- Blue (96%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (41%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96E9F5 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 96E9F5 by changing the saturation by 10% instead.

 96E9F5

 96E9F5

FFFFFF

 7ACDD9

 D0FFFF

 5DB1BD

 EDFFFF

 4096A2

 1E7C88

 00636E

 004B56

 00343F

 002029

 000114

 96E9F5

 96E9F5

 7DE6F5

 AFECF5

 65E3F5

 C7EFF5

 4DE0F5

 E0F2F5

 34DDF5

 F8F5F5

 1CDAF5

 FFF8F5

 03D6F5

 FFFCF5

 00D6F5

 FFFFF5

Harmonies

Analogous

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



9FEADC



96E9F5



A3E5FF

Triad

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



96E9F5



FDCDF4



EDDBAA

Complementary

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



96E9F5



F5A296

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.



FFD2B1



96E9F5



FFCADB

Square

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



96E9F5



E2D5FF



FFCC33



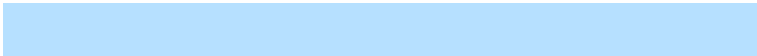
D2E2B1

Rectangle

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



96E9F5



B6E0FF



FFCC33



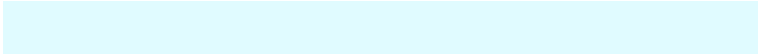
F5D8AB

Sweetspot

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



96E9F5



E0FBFF



96F5A1



6E7D80



000000



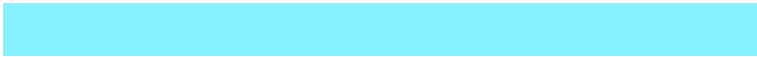
808080

Same Dimension

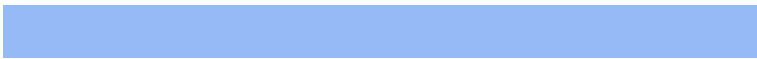
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96E9F5



87F0FF



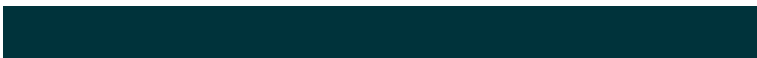
96BAF5



6E797A



00A3BA



00333B

Inverse Universe

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



F596E9



FF87F0



F5D196



7A6E79



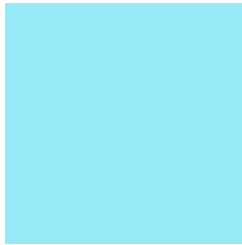
BA00A3



3B0033

Previews

White Background



This preview shows how the Hex color 96E9F5 looks on a white background.

Color Contrast Check

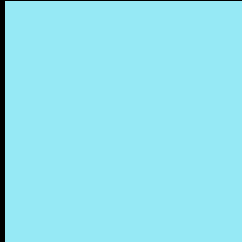
Large Text (above 18pt) WCAG AA × Fail

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 96E9F5 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 96E9F5 Background



This preview shows how black text looks on a background with the Hex color 96E9F5.

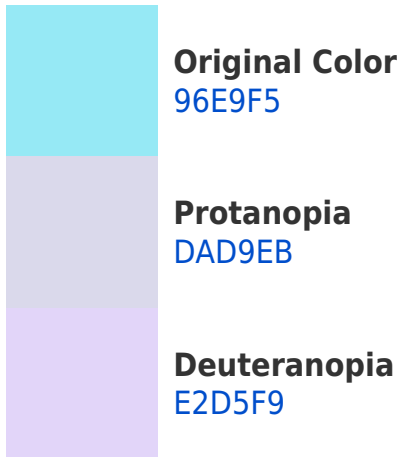


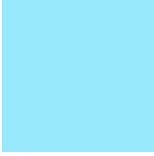
This preview shows how white text looks on a background with the Hex color 96E9F5.

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](#).

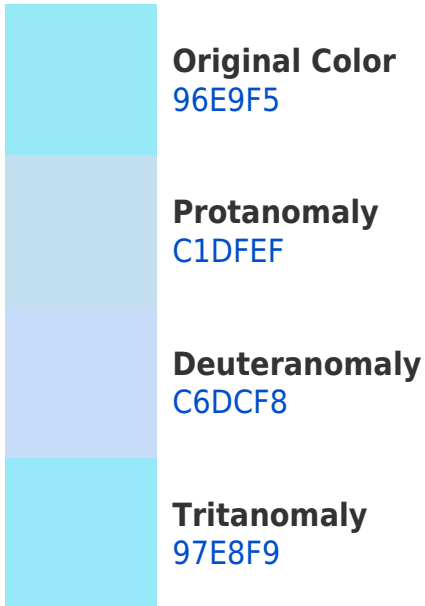
Dichromacy



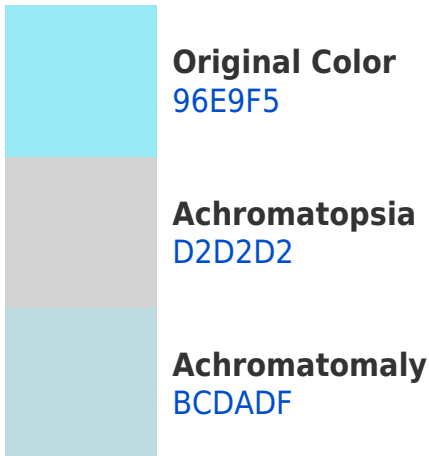


Tritanopia
98E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96E9F5 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 #96E9F5 looks like.

```
.text, #text, p{  
    color:#96E9F5  
}
```

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 #96E9F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96E9F5
}
```

Border

The CSS property to change the border of an element to Hex 96E9F5 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
#96E9F5 }
```

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

```
.border{ border-color:#96E9F5 }
```

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

Here you see how a box with a 4 pixel #96E9F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96E9F5; -webkit-box-shadow:4px 4px  
4px 4px #96E9F5; box-shadow:4px 4px 4px  
4px #96E9F5 }
```

Background

The CSS property to change the background color of an element to Hex 96E9F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96E9F5 }
```

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

```
.background{ background-color:#96E9F5 }
```

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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