

Converting Colors

Hex(96B5E9)

Have a look what the booklet for
Hex(96B5E9) contains.

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Color

Hex(96B5E9)

Conversions

Conversions Part 1

Format	Color
Hex	96B5E9
RGB	150, 181, 233
RGB Percent	59%, 71%, 91%
CMY	0.4118, 0.2902, 0.0863
CMYK	0.36, 0.22, 0.00, 0.09
HSL	218°, 65%, 75%
HSV	218°, 36%, 91%
XYZ	43.8095, 45.4150, 83.5478
YIQ	177.6590, -35.1680, 9.6000

Conversions

Conversions Part 2

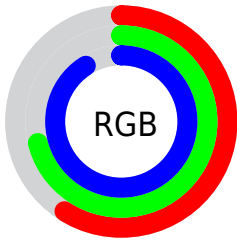
Format	Color
R _Y B	150, 173, 233
Decimal	9876969
CIE Lab	73.16, 1.90, -29.37
CIE LCh	73, 29.430, 273.705
Yxy	45.4150, 0.2536, 0.2629
Android (android.graphics.Color)	4288067049 (0xFF96B5E9)
YUV	177.6590, 27.2831, -24.2569
Hunter-Lab	67.3906, -1.8937, -26.3315

Details

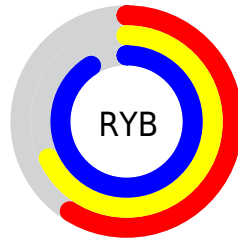
The Hex color **96B5E9** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E9CA96**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **CEEDFF**, and **6080B1** is the 20% darker color. If you saturate the color by 10%, you get **7FA6E9**, and if you desaturate by 10%, it is **ADC4E9**.

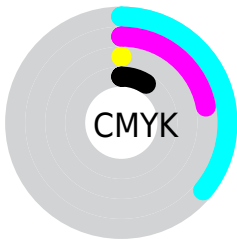
Distribution



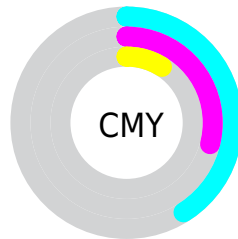
- Red (59%)
- Green (71%)
- Blue (91%)



- Red (59%)
- Yellow (68%)
- Blue (91%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (9%)



- Cyan (41%)
- Magenta (29%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96B5E9 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 96B5E9 by changing the saturation by 10% instead.

■ 96B5E9

FFFFFF

■ CEEDFF

■ EBFFFF

■ 96B5E9

■ 7B9ACD

■ 6080B1

■ 456796

■ 2A4F7C

■ 063963

■ 00244B

■ 000E34

■ 00021E

■ 000001

■ 96B5E9

■ 96B5E9

■ 7FA6E9

■ ADC4E9

■ 6798E9

■ C5D2E9

■ 5089E9

■ DCE1E9

■ 397BE9

■ F3EFE9

■ 226CE9

■ FFFEE9

■ 0A5DE9

■ FFFFEE9

■ 0057E9

Harmonies

Analogous

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



71BDE3



96B5E9



BCACE0

Triad

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



96B5E9



E8A297



87C09B

Complementary

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



96B5E9



E9CA96

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.



A6BB86



96B5E9



DBAA84

Square

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



96B5E9



E8A0B1



C4B37E



6BC3B6

Rectangle

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



96B5E9



D1A6D4



C4B37E



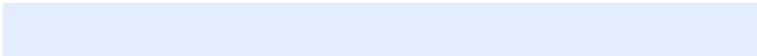
92BF93

Sweetspot

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



96B5E9



E3EDFF



96E9C9



6F7580



000000



808080

Same Dimension

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



96B5E9



91BAFF



A096E9



6A6E75



0044B5



001436

Inverse Universe

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



E996B5



FF91BA



DFE996



756A6E



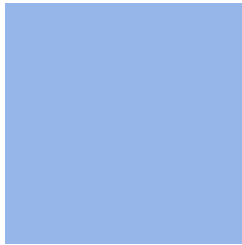
B50044



360014

Previews

White Background



This preview shows how the Hex color 96B5E9 looks on a white background.

Color Contrast Check

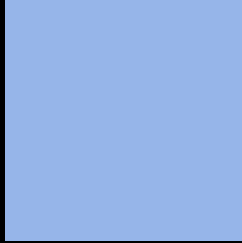
Large Text (above 18pt) WCAG AA × Fail

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 96B5E9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

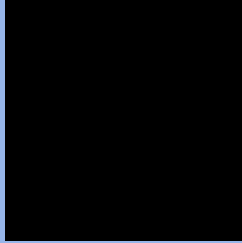
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

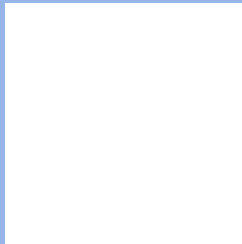
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 96B5E9 Background



This preview shows how black text looks on a background with the Hex color 96B5E9.

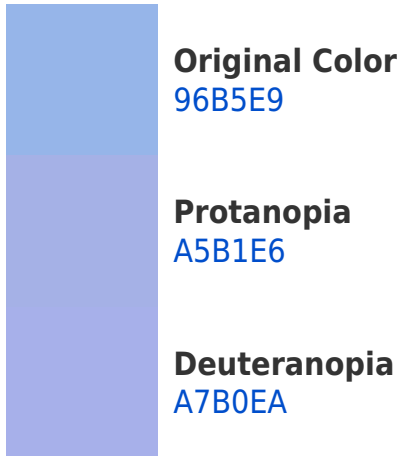


This preview shows how white text looks on a background with the Hex color 96B5E9.

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](#).

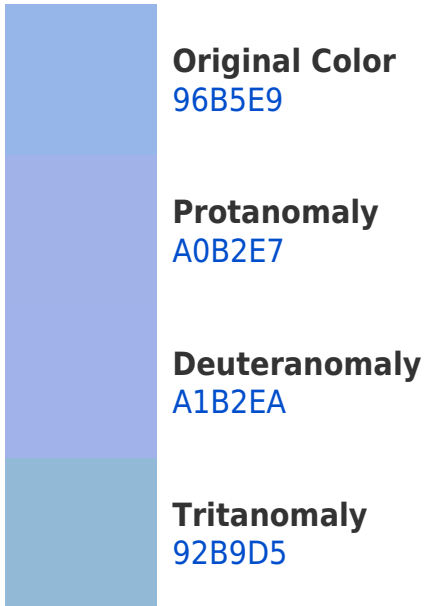
Dichromacy



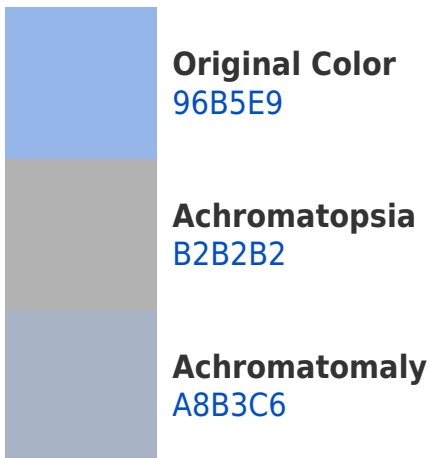


Tritanopia
8FBBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96B5E9 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 #96B5E9 looks like.

```
.text, #text, p{  
    color:#96B5E9  
}
```

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 #96B5E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B5E9
}
```

Border

The CSS property to change the border of an element to Hex 96B5E9 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
#96B5E9 }
```

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

```
.border{ border-color:#96B5E9 }
```

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

Here you see how a box with a 4 pixel #96B5E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B5E9; -webkit-box-shadow:4px 4px  
4px 4px #96B5E9; box-shadow:4px 4px 4px  
4px #96B5E9 }
```

Background

The CSS property to change the background color of an element to Hex 96B5E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B5E9 }
```

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

```
.background{ background-color:#96B5E9 }
```

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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