

Converting Colors

Hex(96AEE6)

Have a look what the booklet for
Hex(96AEE6) contains.

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Color

Hex(96AEE6)

Conversions

Conversions Part 1

Format	Color
Hex	96AEE6
RGB	150, 174, 230
RGB Percent	59%, 68%, 90%
CMY	0.4118, 0.3176, 0.0980
CMYK	0.35, 0.24, 0.00, 0.10
HSL	222°, 62%, 75%
HSV	222°, 35%, 90%
XYZ	41.9967, 42.4693, 80.8468
YIQ	173.2080, -32.2800, 12.3280

Conversions

Conversions Part 2

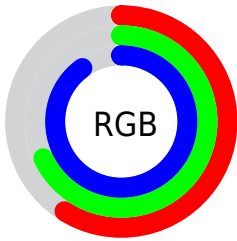
Format	Color
R_{YB}	150, 168, 230
Decimal	9875174
CIE _{Lab}	71.19, 4.99, -30.77
CIE _{LCh}	71, 31.175, 279.220
Yxy	42.4693, 0.2540, 0.2569
Android (android.graphics.Color)	4288065254 (0xFF96AEE6)
YUV	173.2080, 27.9985, -20.3534
Hunter-Lab	65.1685, 0.9863, -27.9362

Details

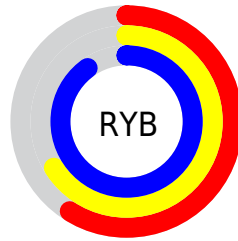
The Hex color **96AEE6** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E6CE96**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CEE5FF**, and **607AAE** is the 20% darker color. If you saturate the color by 10%, you get **7F9EE6**, and if you desaturate by 10%, it is **ADBEE6**.

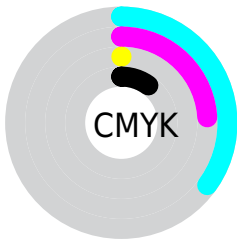
Distribution



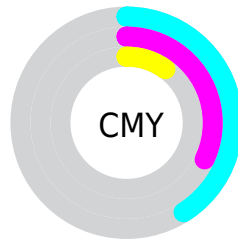
- Red (59%)
- Green (68%)
- Blue (90%)



- Red (59%)
- Yellow (66%)
- Blue (90%)



- Cyan (35%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)



- Cyan (41%)
- Magenta (32%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AEE6 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 96AEE6 by changing the saturation by 10% instead.

■ 96AEE6

■ 96AEE6

FFFFFF

■ 7B93CA

■ CEE5FF

■ 607AAE

■ EBFFFF

■ 466193

■ 2B4A7A

■ 093360

■ 001F48

■ 000432

■ 00011C

■ 000000

■ 96AEE6

■ 96AEE6

■ 7F9EE6

■ ADBEE6

■ 688EE6

■ C4CEE6

■ 517EE6

■ DBDEE6

■ 3A6EE6

■ F2EEE6

■ 235DE6

■ FFFFE6

■ 0C4DE6

■ 0045E6

Harmonies

Analogous

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



6CB7E3



96AEE6



BDA4DA

Triad

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



96AEE6



E49D8C



79BC99

Complementary

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



96AEE6



E6CE96

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.



9AB782



96AEE6



D3A67A

Square

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



96AEE6



E799A6



B9AF76



5BBEB6

Rectangle

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



96AEE6



D29ECC



B9AF76



84BB90

Sweetspot

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



96AEE6



E6EDFF



96E6CE



707580



000000



808080

Same Dimension

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



96AEE6



94B4FF



A696E6



676B73



0036B3



000F33

Inverse Universe

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



E696AE



FF94B4



D6E696



73676B



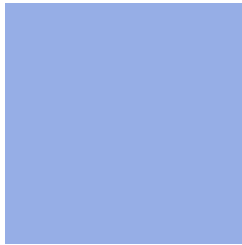
B30036



33000F

Previews

White Background



This preview shows how the Hex color 96AEE6 looks on a white background.

Color Contrast Check

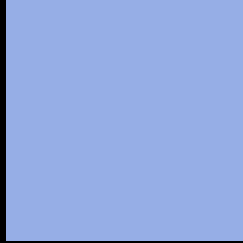
Large Text (above 18pt) WCAG AA × Fail

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 96AEE6 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 96AEE6 Background



This preview shows how black text looks on a background with the Hex color 96AEE6.



This preview shows how white text looks on a background with the Hex color 96AEE6.

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](#).

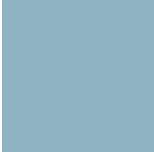
Dichromacy



Original Color
96AEE6

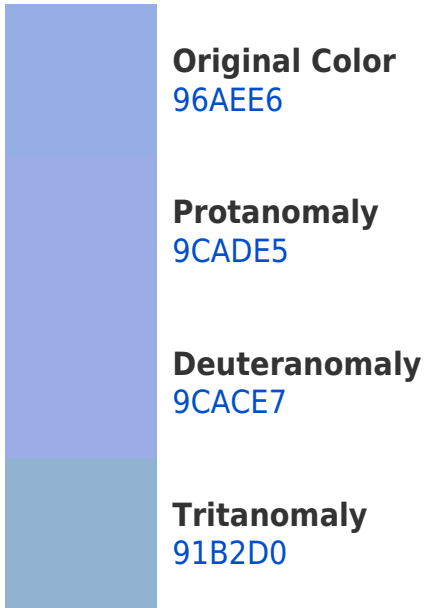
Protanopia
9FACE4

Deuteranopia
A0ABE7

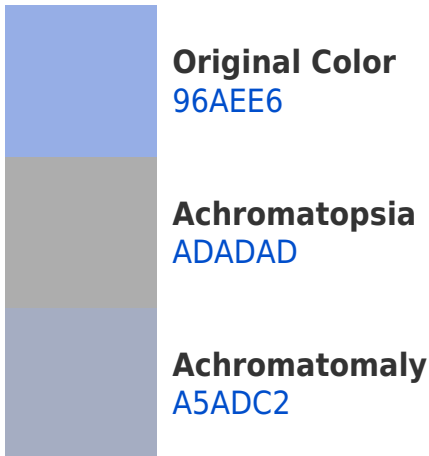


Tritanopia
8EB4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AEE6 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 #96AEE6 looks like.

```
.text, #text, p{  
    color:#96AEE6  
}
```

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 #96AEE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AEE6
}
```

Border

The CSS property to change the border of an element to Hex 96AEE6 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
#96AEE6 }
```

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

```
.border{ border-color:#96AEE6 }
```

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

Here you see how a box with a 4 pixel #96AEE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AEE6; -webkit-box-shadow:4px 4px  
4px 4px #96AEE6; box-shadow:4px 4px 4px  
4px #96AEE6 }
```

Background

The CSS property to change the background color of an element to Hex 96AEE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AEE6 }
```

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

```
.background{ background-color:#96AEE6 }
```

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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