

Converting Colors

Hex(96ABE5)

Have a look what the booklet for
Hex(96ABE5) contains.

Hex(96ABE5)	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(96ABE5)

Conversions

Conversions Part 1

Format	Color
Hex	96ABE5
RGB	150, 171, 229
RGB Percent	59%, 67%, 90%
CMY	0.4118, 0.3294, 0.1020
CMYK	0.34, 0.25, 0.00, 0.10
HSL	224°, 60%, 74%
HSV	224°, 34%, 90%
XYZ	41.2834, 41.2670, 79.9182
YIQ	171.3330, -31.1340, 13.5860

Conversions

Conversions Part 2

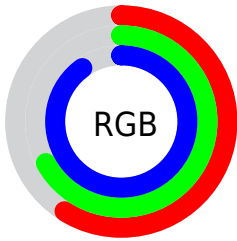
Format	Color
R_{YB}	150, 167, 229
Decimal	9874405
CIE _{Lab}	70.36, 6.41, -31.51
CIE _{LCh}	70, 32.153, 281.495
Yxy	41.2670, 0.2541, 0.2540
Android (android.graphics.Color)	4288064485 (0xFF96ABE5)
YUV	171.3330, 28.4298, -18.7090
Hunter-Lab	64.2394, 2.2941, -28.7932

Details

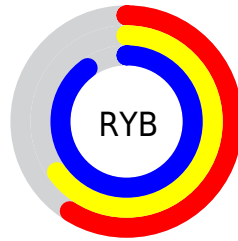
The Hex color **96ABE5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E5D096**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **CEE2FF**, and **6077AD** is the 20% darker color. If you saturate the color by 10%, you get **7F9AE5**, and if you desaturate by 10%, it is **ADBCE5**.

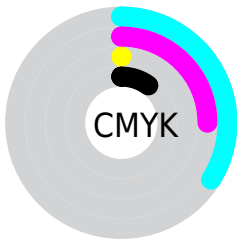
Distribution



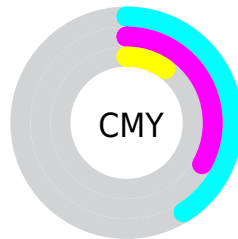
- Red (59%)
- Green (67%)
- Blue (90%)



- Red (59%)
- Yellow (65%)
- Blue (90%)



- Cyan (34%)
- Magenta (25%)
- Yellow (0%)
- Black (10%)



- Cyan (41%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96ABE5 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 96ABE5 by changing the saturation by 10% instead.

■ 96ABE5

■ 96ABE5

FFFFFF

■ 7B91C9

■ CEE2FF

■ 6077AD

■ EBFFFF

■ 465E93

■ 2B4779

■ 0A3160

■ 001C48

■ 000031

■ 00011B

■ 000000

■ 96ABE5

■ 96ABE5

■ 7F9AE5

■ ADBCE5

■ 6889E5

■ C4CDE5

■ 5179E5

■ DBDDE5

■ 3A68E5

■ F2EEE5

■ 2357E5

■ FFFFE5

■ 0D46E5

■ 003DE5

Harmonies

Analogous

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



6AB4E3



96ABE5



BEA1D8

Triad

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



96ABE5



E29B87



72BB99

Complementary

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



96ABE5



E5D096

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.



95B67F



96ABE5



D0A475

Square

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



96ABE5



E696A2



B5AE72



53BCB7

Rectangle

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



96ABE5



D39BC8



B5AE72



7EB98F

Sweetspot

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



96ABE5



E6ECFF



96E5D0



707480



000000



808080

Same Dimension

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



96ABE5



96B2FF



A896E5



676A73



002FB3



000E33

Inverse Universe

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



E596AB



FF96B2



D3E596



73676A



B3002F



33000E

Previews

White Background



This preview shows how the Hex color 96ABE5 looks on a white background.

Color Contrast Check

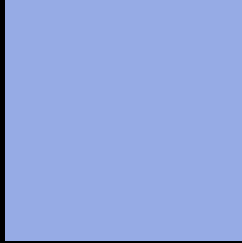
Large Text (above 18pt) WCAG AA × Fail

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 96ABE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

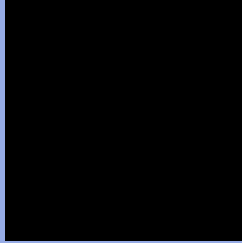
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

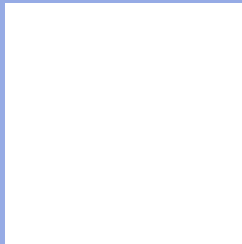
Any Text WCAG AAA ✓ Pass

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

Hex 96ABE5 Background



This preview shows how black text looks on a background with the Hex color 96ABE5.



This preview shows how white text looks on a background with the Hex color 96ABE5.

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
96ABE5

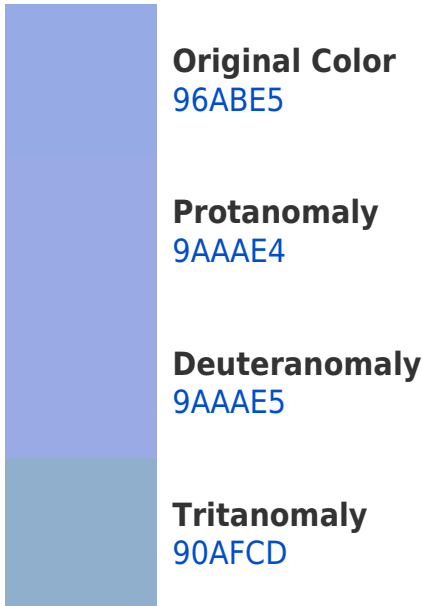
Protanopia
9CAAE4

Deuteranopia
9CA9E5

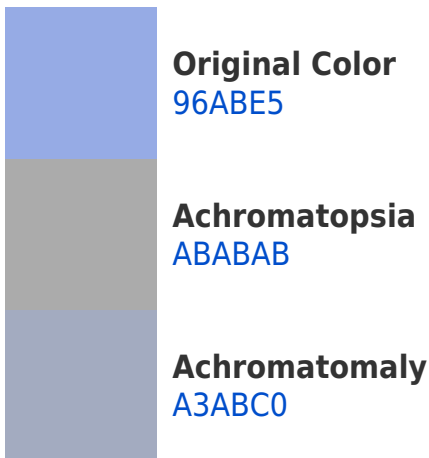


Tritanopia
8DB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96ABE5 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 #96ABE5 looks like.

```
.text, #text, p{  
    color:#96ABE5  
}
```

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 #96ABE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96ABE5
}
```

Border

The CSS property to change the border of an element to Hex 96ABE5 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
#96ABE5 }
```

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

```
.border{ border-color:#96ABE5 }
```

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

Here you see how a box with a 4 pixel #96ABE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96ABE5; -webkit-box-shadow:4px 4px  
4px 4px #96ABE5; box-shadow:4px 4px 4px  
4px #96ABE5 }
```

Background

The CSS property to change the background color of an element to Hex 96ABE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96ABE5 }
```

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

```
.background{ background-color:#96ABE5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor