

Converting Colors

Hex(96BCE3)

Have a look what the booklet for
Hex(96BCE3) contains.

Hex(96BCE3)	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(96BCE3)

Conversions

Conversions Part 1

Format	Color
Hex	96BCE3
RGB	150, 188, 227
RGB Percent	59%, 74%, 89%
CMY	0.4118, 0.2627, 0.1098
CMYK	0.34, 0.17, 0.00, 0.11
HSL	210°, 58%, 74%
HSV	210°, 34%, 89%
XYZ	44.4260, 47.9965, 79.5958
YIQ	181.0840, -35.1670, 4.0730

Conversions

Conversions Part 2

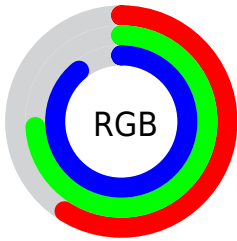
Format	Color
R_{YB}	150, 175, 227
Decimal	9878755
CIE _{Lab}	74.82, -3.44, -23.58
CIE _{LCh}	75, 23.825, 261.690
Yxy	47.9965, 0.2583, 0.2790
Android (android.graphics.Color)	4288068835 (0xFF96BCE3)
YUV	181.0840, 22.6366, -27.2607
Hunter-Lab	69.2795, -6.7747, -19.6231

Details

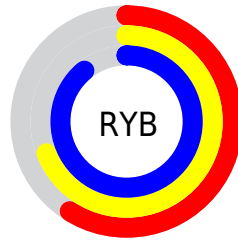
The Hex color **96BCE3** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E3BD96**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **CEF4FF**, and **6087AC** is the 20% darker color. If you saturate the color by 10%, you get **7FB1E3**, and if you desaturate by 10%, it is **ADC7E3**.

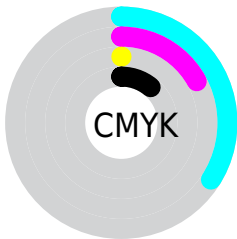
Distribution



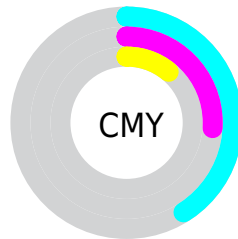
- Red (59%)
- Green (74%)
- Blue (89%)



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



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96BCE3 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 96BCE3 by changing the saturation by 10% instead.

■ 96BCE3

■ 96BCE3

FFFFFF

■ 7BA1C7

■ CEF4FF

■ 6087AC

■ EBFFFF

■ 466E91

■ 2B5577

■ 0B3E5E

■ 002946

■ 001430

■ 00011B

■ 000000

 96BCE3

 96BCE3

 7FB1E3

 ADC7E3

 69A5E3

 C3D3E3

 529AE3

 DADEE3

 3B8EE3

 F1EAE3

 2583E3

 FFF5E3

 0E77E3

 FFFF E3

 0070E3

Harmonies

Analogous

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



7FC2DA



96BCE3



B4B5E1

Triad

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



96BCE3



E5A9A9



9FC19C

Complementary

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



96BCE3



E3BD96

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.



B8BC8F



96BCE3



DFAE97

Square

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



96BCE3



E0A9BF



CEB58D



88C4B1

Rectangle

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



96BCE3



C6B0D9



CEB58D



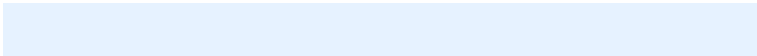
A7C097

Sweetspot

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



96BCE3



E6F2FF



96E3BC



707880



000000



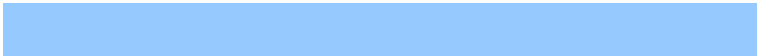
808080

Same Dimension

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



96BCE3



96CAFF



9696E3



676D73



0058B3



001933

Inverse Universe

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



E396BC



FF96CA



E3E396



73676D



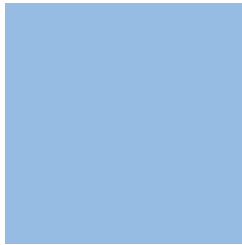
B30058



330019

Previews

White Background



This preview shows how the Hex color 96BCE3 looks on a white background.

Color Contrast Check

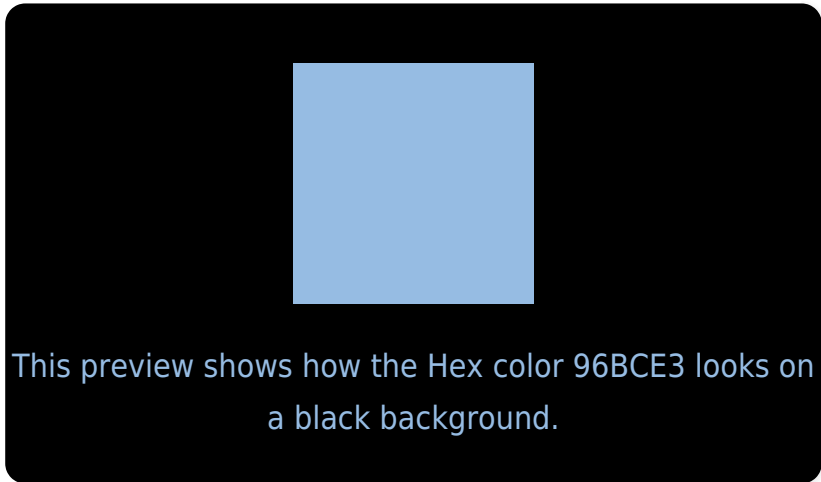
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

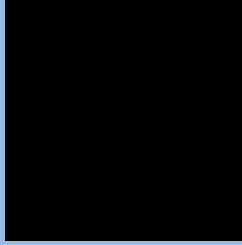
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

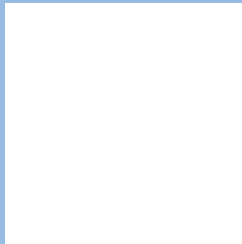
Any Text WCAG AAA ✓ Pass

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

Hex 96BCE3 Background



This preview shows how black text looks on a background with the Hex color 96BCE3.

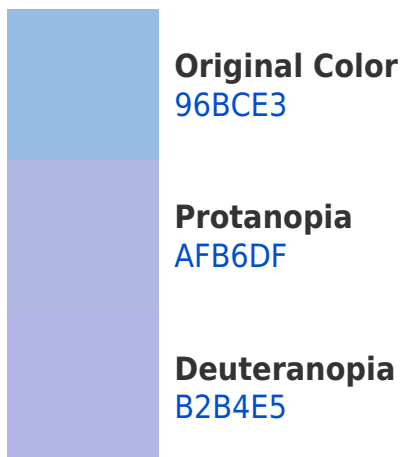


This preview shows how white text looks on a background with the Hex color 96BCE3.

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](#).

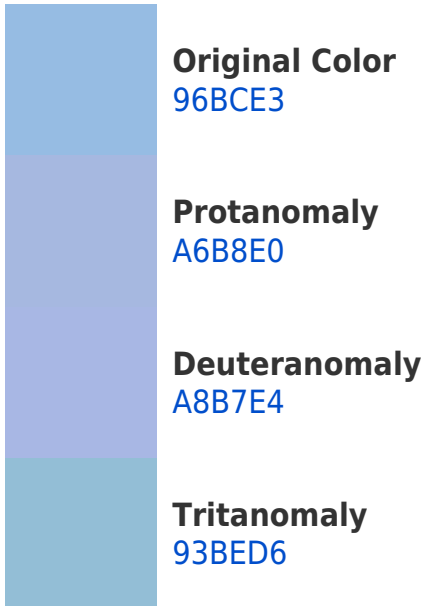
Dichromacy



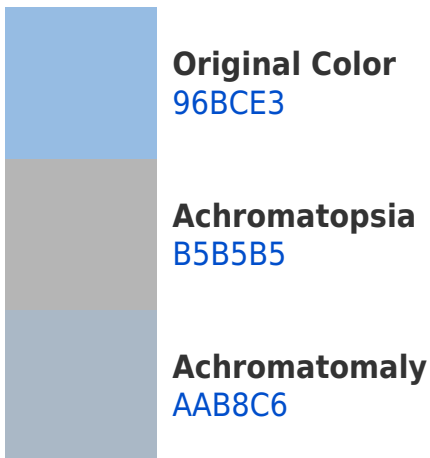


Tritanopia
91BFCF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96BCE3 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 #96BCE3 looks like.

```
.text, #text, p{  
    color:#96BCE3  
}
```

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 #96BCE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BCE3  
}
```

Border

The CSS property to change the border of an element to Hex 96BCE3 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  
#96BCE3 }
```

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

```
.border{ border-color:#96BCE3 }
```

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

Here you see how a box with a 4 pixel #96BCE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BCE3; -webkit-box-shadow:4px 4px  
4px 4px #96BCE3; box-shadow:4px 4px 4px  
4px #96BCE3 }
```

Background

The CSS property to change the background color of an element to Hex 96BCE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BCE3 }
```

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

```
.background{ background-color:#96BCE3 }
```

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