

Converting Colors

Hex(96C6DC)

Have a look what the booklet for
Hex(96C6DC) contains.

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Color

Hex(96C6DC)

Conversions

Conversions Part 1

Format	Color
Hex	96C6DC
RGB	150, 198, 220
RGB Percent	59%, 78%, 86%
CMY	0.4118, 0.2235, 0.1373
CMYK	0.32, 0.10, 0.00, 0.14
HSL	199°, 50%, 73%
HSV	199°, 32%, 86%
XYZ	45.6900, 52.0395, 75.3467
YIQ	186.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

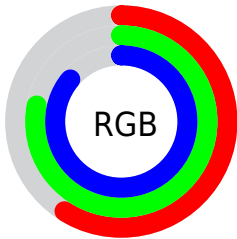
Format	Color
RYB	150, 178, 220
Decimal	9881308
CIELab	77.30, -10.49, -16.03
CIElCh	77, 19.161, 236.790
Yxy	52.0395, 0.2640, 0.3007
Android (android.graphics.Color)	4288071388 (0xFF96C6DC)
YUV	186.1560, 16.6851, -31.7088
Hunter-Lab	72.1384, -13.1864, -11.4299

Details

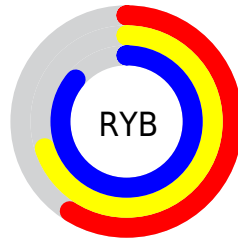
The Hex color **96C6DC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DCAC96**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **CEFFFF**, and **6190A5** is the 20% darker color. If you saturate the color by 10%, you get **80BFDC**, and if you desaturate by 10%, it is **ACCDDC**.

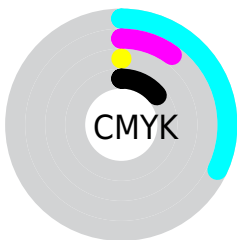
Distribution



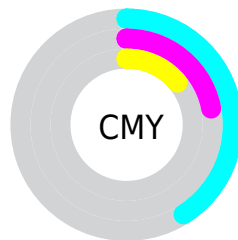
- Red (59%)
- Green (78%)
- Blue (86%)



- Red (59%)
- Yellow (70%)
- Blue (86%)



- Cyan (32%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (41%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96C6DC 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 96C6DC by changing the saturation by 10% instead.

 96C6DC

 96C6DC

FFFFFF

 7BABC0

 CEFFFF

 6190A5

 EBFFFF


 46778B


 2C5E71

 0D4659

 003041

 001B2B

 000117

 000000

■ 96C6DC

■ 96C6DC

■ 80BFDC

■ ACCDDC

■ 6AB8DC

■ C2D4DC

■ 54B1DC

■ D8DBDC

■ 3EAADC

■ EEE2DC

■ 28A3DC

■ FFE9DC

■ 129DDC

■ FFEFDC

■ 0097DC

■ FFF6DC

■ FFFDDC

■ FFFFDC

Harmonies

Analogous

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



8FC9CE



96C6DC



A9C1E2

Triad

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



96C6DC



E1B3C2



BCC39F

Complementary

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



96C6DC



DCAC96

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.



CFBD9C



96C6DC



E4B3B0

Square

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



96C6DC



D4B6D3



DDB7A2



A7C7AB

Rectangle

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



96C6DC



B8BDE1



DDB7A2



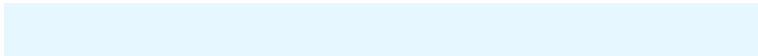
C2C19D

Sweetspot

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



96C6DC



E6F7FF



96DCAB



707B80



000000



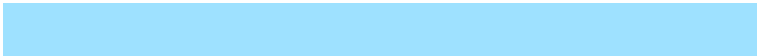
808080

Same Dimension

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



96C6DC



9EE1FF



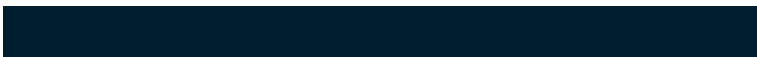
96A4DC



636A6E



0077AD



001F2E

Inverse Universe

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



DC96C6



FF9EE1



DCCE96



6E636A



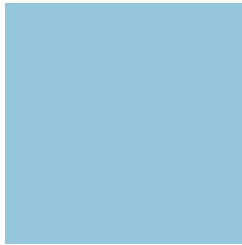
AD0077



2E001F

Previews

White Background



This preview shows how the Hex color 96C6DC looks on a white background.

Color Contrast Check

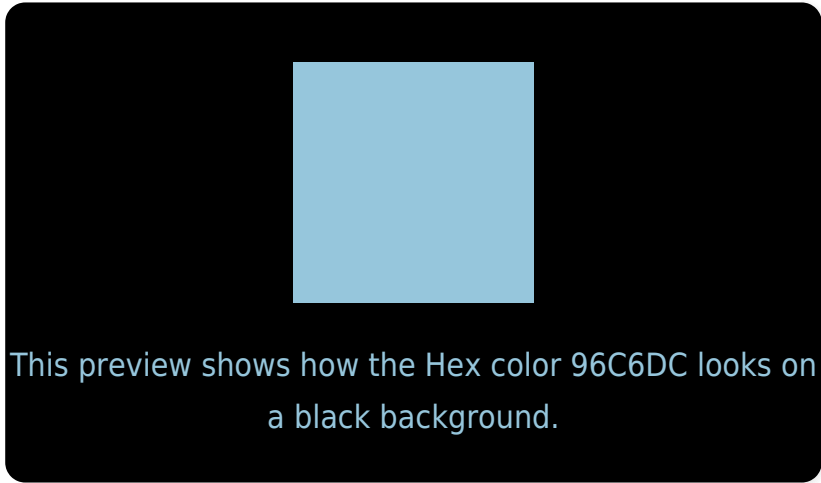
Large Text (above 18pt) WCAG AA × Fail

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

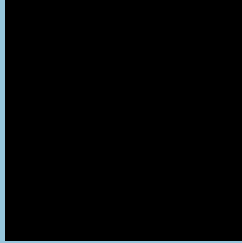
Any Text WCAG AA ✓ Pass

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 96C6DC Background



This preview shows how black text looks on a background with the Hex color 96C6DC.

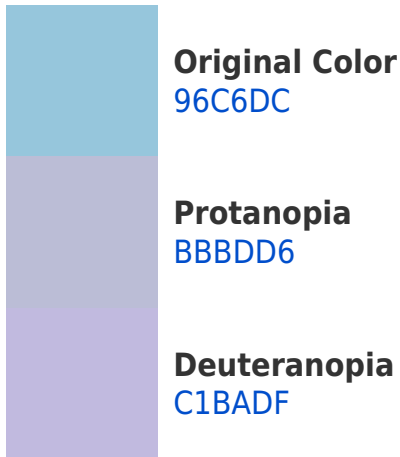


This preview shows how white text looks on a background with the Hex color 96C6DC.

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](#).

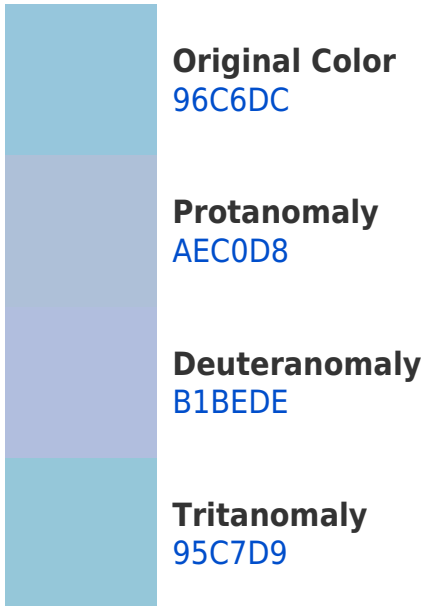
Dichromacy



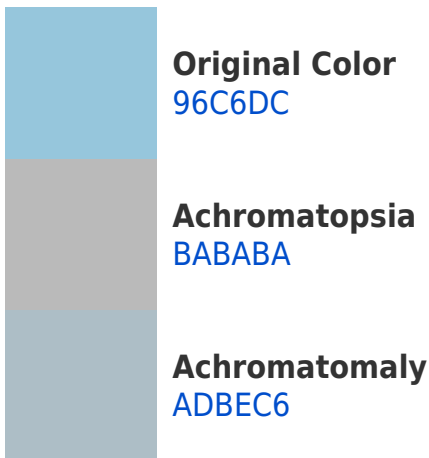


Tritanopia
95C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96C6DC 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 #96C6DC looks like.

```
.text, #text, p{  
    color:#96C6DC  
}
```

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 #96C6DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96C6DC
}
```

Border

The CSS property to change the border of an element to Hex 96C6DC 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
#96C6DC }
```

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

```
.border{ border-color:#96C6DC }
```

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

Here you see how a box with a 4 pixel #96C6DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96C6DC; -webkit-box-shadow:4px 4px  
4px 4px #96C6DC; box-shadow:4px 4px 4px  
4px #96C6DC }
```

Background

The CSS property to change the background color of an element to Hex 96C6DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96C6DC }
```

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

```
.background{ background-color:#96C6DC }
```

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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