

# Converting Colors

Hex(96D5E2)

Have a look what the booklet for  
Hex(96D5E2) contains.

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# **Color**

**Hex(96D5E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D5E2
RGB	150, 213, 226
RGB Percent	59%, 84%, 89%
CMY	0.4118, 0.1647, 0.1137
CMYK	0.34, 0.06, 0.00, 0.11
HSL	190°, 57%, 74%
HSV	190°, 34%, 89%
XYZ	50.0994, 59.5635, 80.8079
YIQ	195.6450, -41.7210, -9.3130

# Conversions

## Conversions Part 2

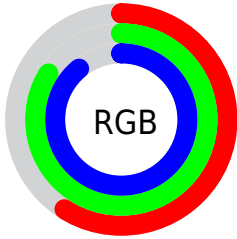
Format	Color
<a href="#">RYB</a>	<a href="#">150, 184, 226</a>
Decimal	<a href="#">9885154</a>
CIELab	<a href="#">81.60, -16.80, -12.80</a>
CIElCh	<a href="#">82, 21.118, 217.309</a>
Yxy	<a href="#">59.5635, 0.2630, 0.3127</a>
Android (android.graphics.Color)	<a href="#">4288075234 (0xFF96D5E2)</a>
YUV	<a href="#">195.6450, 14.9650, -40.0307</a>
Hunter-Lab	<a href="#">77.1774, -19.1879, -8.0549</a>

# Details

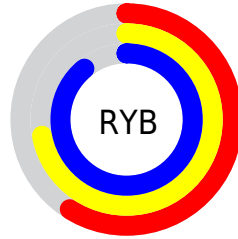
The Hex color **96D5E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2A396**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CEFFFF**, and **609EAB** is the 20% darker color. If you saturate the color by 10%, you get **7FD1E2**, and if you desaturate by 10%, it is **ADD9E2**.

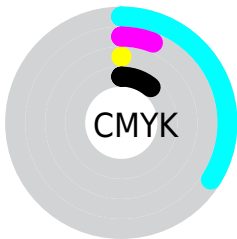
# Distribution



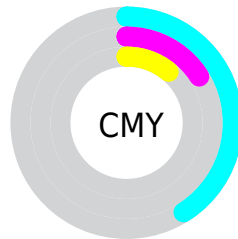
- Red (59%)
- Green (84%)
- Blue (89%)



- Red (59%)
- Yellow (72%)
- Blue (89%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96D5E2 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 96D5E2 by changing the saturation by 10% instead.



■ 96D5E2

■ 96D5E2

FFFFFF

■ 7BB9C6

■ CEFFFF

■ 609EAB

■ EBFFFF

■ 458490

■ 296B77

■ 02525E

■ 003B46

■ 002530

■ 000C1B

■ 000000

96D5E2

96D5E2

7FD1E2

ADD9E2

69CDE2

C3DDE2

52C9E2

DAE1E2

3CC6E2

F0E4E2

25C2E2

FFE8E2

0EBEE2

FFECE2

00BBE2

FFF0E2

FFF4E2

FFF8E2

# Harmonies

## Analogous

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



99D6CF



96D5E2



A3D1EF

# Triad

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



96D5E2



E9BFDA



D5CBA4

# Complementary

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



96D5E2



E2A396

# 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.



E8C4A7



96D5E2



F3BDC7

# Square

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



96D5E2



D4C4EA



F3BFB4



BFD1AB

# Rectangle

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



96D5E2



B2CDF2



F3BFB4



DCC9A4

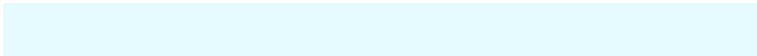


# Sweetspot

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



96D5E2



E6FBFF



96E2A3



707D80



000000



808080

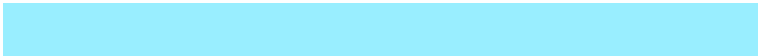


# Same Dimension

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



96D5E2



99EEFF



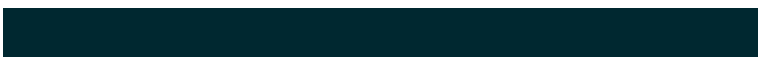
96AFE2



656E70



0092B0



002830



# Inverse Universe

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



E296D5



FF99EE



E2C996



70656E



B00092

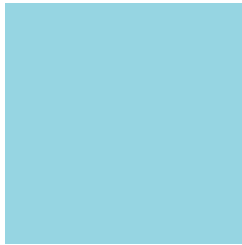


300028



# Previews

## White Background



This preview shows how the Hex color 96D5E2 looks on a white background.

## Color Contrast Check

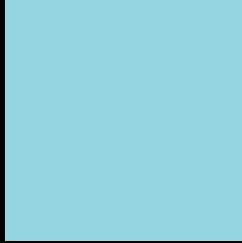
Large Text (above 18pt) WCAG AA × Fail

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 96D5E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

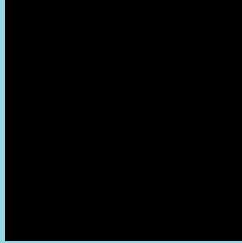
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96D5E2 Background



This preview shows how black text looks on a background with the Hex color 96D5E2.

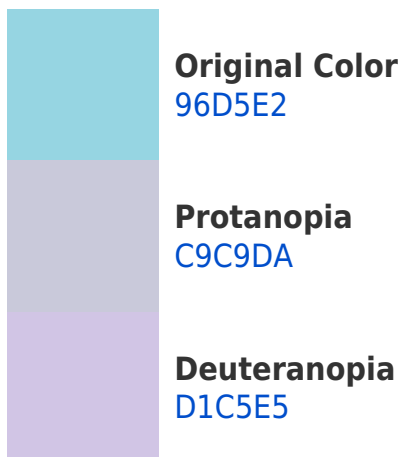


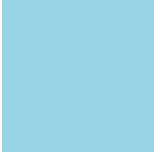
This preview shows how white text looks on a background with the Hex color 96D5E2.

# 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](#).

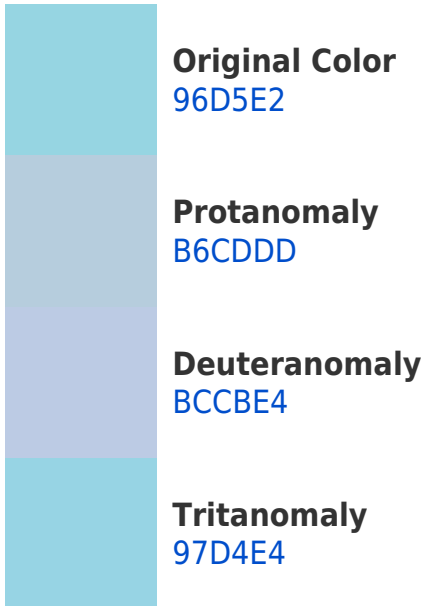
## Dichromacy



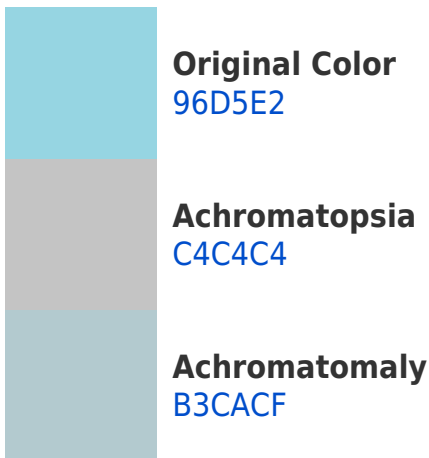


**Tritanopia**  
97D4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96D5E2 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 #96D5E2 looks like.

```
.text, #text, p{  
    color:#96D5E2  
}
```

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 #96D5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D5E2
}
```

## Border

The CSS property to change the border of an element to Hex 96D5E2 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
#96D5E2 }
```

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

```
.border{ border-color:#96D5E2 }
```

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

Here you see how a box with a 4 pixel #96D5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D5E2; -webkit-box-shadow:4px 4px  
4px 4px #96D5E2; box-shadow:4px 4px 4px  
4px #96D5E2 }
```

# Background

The CSS property to change the background color of an element to Hex 96D5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D5E2 }
```

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

```
.background{ background-color:#96D5E2 }
```

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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