

# Converting Colors

Hex(96D8E1)

Have a look what the booklet for  
Hex(96D8E1) contains.

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# **Color**

**Hex(96D8E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96D8E1
RGB	150, 216, 225
RGB Percent	59%, 85%, 88%
CMY	0.4118, 0.1529, 0.1176
CMYK	0.33, 0.04, 0.00, 0.12
HSL	187°, 56%, 74%
HSV	187°, 33%, 88%
XYZ	50.7242, 61.0320, 80.3411
YIQ	197.2920, -42.2250, -11.1930

# Conversions

## Conversions Part 2

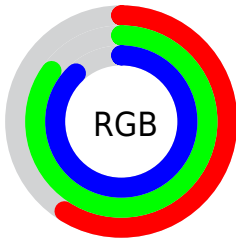
Format	Color
<a href="#">RYB</a>	<a href="#">150, 185, 225</a>
Decimal	<a href="#">9885921</a>
CIELab	<a href="#">82.40, -18.55, -11.08</a>
CIElCh	<a href="#">82, 21.610, 210.842</a>
Yxy	<a href="#">61.0320, 0.2641, 0.3177</a>
Android (android.graphics.Color)	<a href="#">4288076001 (0xFF96D8E1)</a>
YUV	<a href="#">197.2920, 13.6600, -41.4751</a>
Hunter-Lab	<a href="#">78.1230, -20.8177, -6.2873</a>

# Details

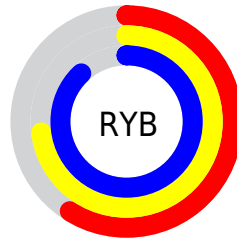
The Hex color **96D8E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E19F96**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CEFFFF**, and **60A1AA** is the 20% darker color. If you saturate the color by 10%, you get **7FD5E1**, and if you desaturate by 10%, it is **ADDBE1**.

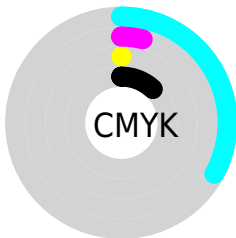
# Distribution



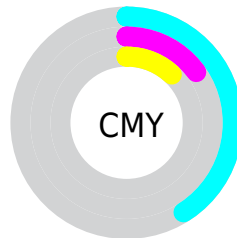
- Red (59%)
- Green (85%)
- Blue (88%)



- Red (59%)
- Yellow (73%)
- Blue (88%)



- Cyan (33%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (41%)
- Magenta (15%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96D8E1 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 96D8E1 by changing the saturation by 10% instead.



■ 96D8E1

■ 96D8E1

FFFFFF

■ 7BBCC5

■ CEFFFF

■ 60A1AA

■ EBFFFF

■ 45878F

■ 286D76

■ 01555D

■ 003D45

■ 00272F

■ 00111B

■ 000000

■ 96D8E1

■ 96D8E1

■ 7FD5E1

■ ADDBE1

■ 69D3E1

■ C3DDE1

■ 53D0E1

■ DAE0E1

■ 3CCDE1

■ F0E3E1

■ 26CAE1

■ FFE6E1

■ 0FC8E1

■ FFE8E1

■ 00C6E1

■ FFEBE1

■ FFEFE1

■ FFF0E1

# Harmonies

## Analogous

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



9DD9CD



96D8E1



A0D4F0

# Triad

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



96D8E1



E8C2E1



DCCCA5

# Complementary

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



96D8E1



E19F96

# 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.



EEC5AA



96D8E1



F5BFCD

# Square

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



96D8E1



D1C8F0



F7C0B9



C6D2AA

# Rectangle

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



96D8E1



AED1F5



F7C0B9



E3CAA5



# Sweetspot

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



96D8E1



E6FCFF



96E19F



707E80



000000



808080

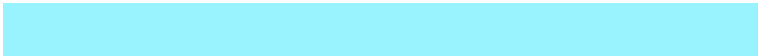


# Same Dimension

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



96D8E1



99F3FF



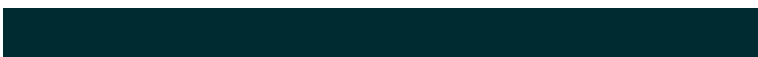
96B3E1



656F70



009BB0



002B30



# Inverse Universe

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



E196D8



FF99F3



E1C496



70656F



B0009B

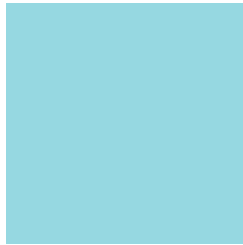


30002B



# Previews

## White Background



This preview shows how the Hex color 96D8E1 looks on a white background.

## Color Contrast Check

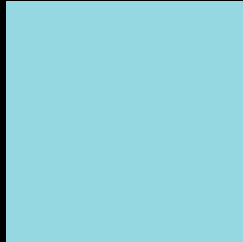
Large Text (above 18pt) WCAG AA × Fail

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 96D8E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

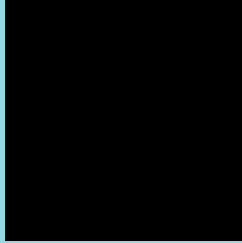
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 96D8E1 Background



This preview shows how black text looks on a background with the Hex color 96D8E1.

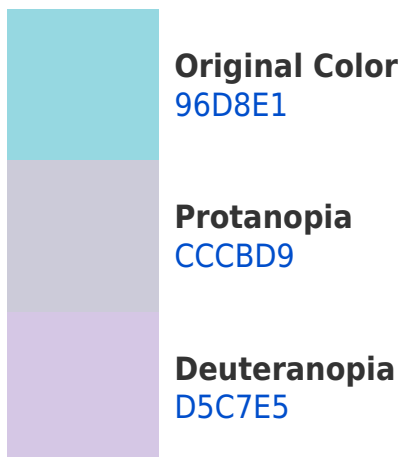


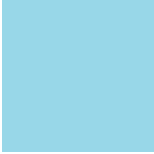
This preview shows how white text looks on a background with the Hex color 96D8E1.

# 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](#).

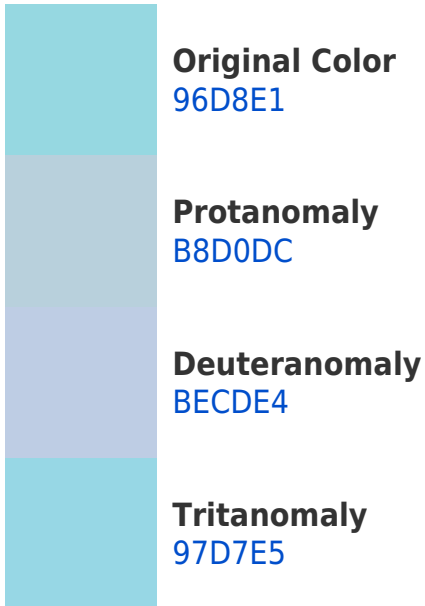
## Dichromacy



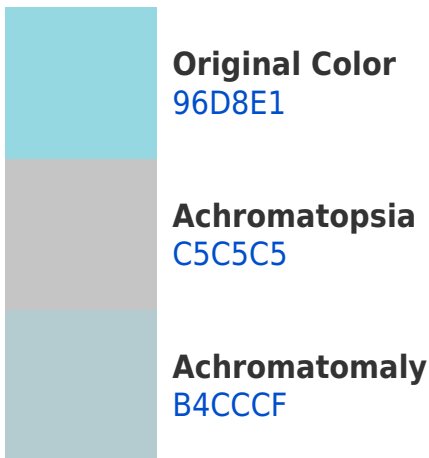


**Tritanopia**  
98D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96D8E1 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 #96D8E1 looks like.

```
.text, #text, p{  
    color:#96D8E1  
}
```

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 #96D8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96D8E1  
}
```

## Border

The CSS property to change the border of an element to Hex 96D8E1 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  
#96D8E1 }
```

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

```
.border{ border-color:#96D8E1 }
```

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

Here you see how a box with a 4 pixel #96D8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96D8E1; -webkit-box-shadow:4px 4px  
4px 4px #96D8E1; box-shadow:4px 4px 4px  
4px #96D8E1 }
```

# Background

The CSS property to change the background color of an element to Hex 96D8E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96D8E1 }
```

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

```
.background{ background-color:#96D8E1 }
```

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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