

# Converting Colors

Hex(95D1E3)

Have a look what the booklet for  
Hex(95D1E3) contains.

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# **Color**

**Hex(95D1E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95D1E3
RGB	149, 209, 227
RGB Percent	58%, 82%, 89%
CMY	0.4157, 0.1804, 0.1098
CMYK	0.34, 0.08, 0.00, 0.11
HSL	194°, 58%, 74%
HSV	194°, 34%, 89%
XYZ	49.0600, 57.5365, 81.1930
YIQ	193.1120, -41.5380, -7.1220

# Conversions

## Conversions Part 2

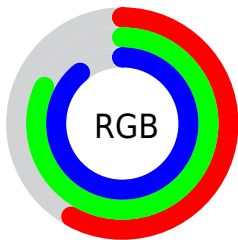
<b>Format</b>	<b>Color</b>
<b>RYB</b>	149, 183, 227
Decimal	9818595
CIELab	80.48, -14.78, -15.02
CIElCh	80, 21.072, 225.453
Yxy	57.5365, 0.2613, 0.3064
Android (android.graphics.Color)	4288008675 (0xFF95D1E3)
YUV	193.1120, 16.7068, -38.6862
Hunter-Lab	75.8528, -17.2924, -10.3671

# Details

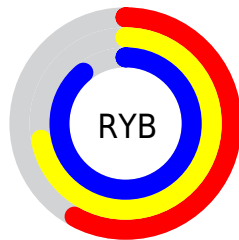
The Hex color **95D1E3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3A795**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **CDFFFF**, and **5F9BAC** is the 20% darker color. If you saturate the color by 10%, you get **7ECCE3**, and if you desaturate by 10%, it is **ACD6E3**.

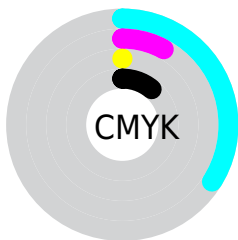
# Distribution



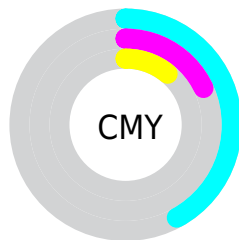
- Red (58%)
- Green (82%)
- Blue (89%)



- Red (58%)
- Yellow (72%)
- Blue (89%)



- Cyan (34%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (42%)
- Magenta (18%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95D1E3 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 95D1E3 by changing the saturation by 10% instead.



 95D1E3

 95D1E3

FFFFFF

 7AB5C7

 CDFFFF

 5F9BAC

 EAFFFF

 448091

 286777

 004F5F

 003847

 002230

 00051C

 000000

■ 95D1E3

■ 95D1E3

■ 7ECCE3

■ ACD6E3

■ 68C7E3

■ C2DBE3

■ 51C1E3

■ D9E1E3

■ 3ABCE3

■ F0E6E3

■ 24B7E3

■ FFEBE3

■ 0DB2E3

■ FFF0E3

■ 00AFE3

■ FFF6E3

■ FFFBE3

■ FFFFE3

# Harmonies

## Analogous

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



94D3D1



95D1E3



A6CCED

# Triad

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



95D1E3



E9BBD2



CCCAA2

# Complementary

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



95D1E3



E3A795

# 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.



E0C3A2



95D1E3



F1BABE

# Square

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



95D1E3



D8BFE3



EDBDAC



B6CFAC

# Rectangle

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



95D1E3



B6C8EF



EDBDAC



D3C8A1

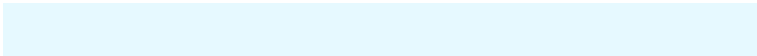


# Sweetspot

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



95D1E3



E6F9FF



95E3A6



707C80



000000



808080

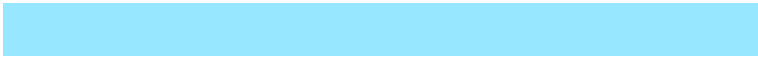


# Same Dimension

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



95D1E3



96E7FF



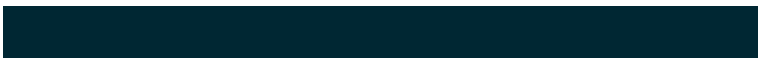
95ABE3



677073



0089B3



002733



# Inverse Universe

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



E395D1



FF96E7



E3CD95



736770



B30089

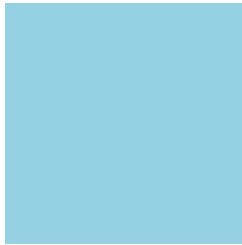


330027



# Previews

## White Background



This preview shows how the Hex color 95D1E3 looks on a white background.

## Color Contrast Check

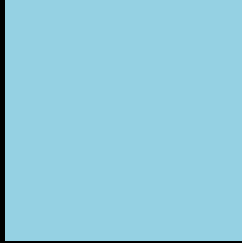
Large Text (above 18pt) WCAG AA × Fail

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 95D1E3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

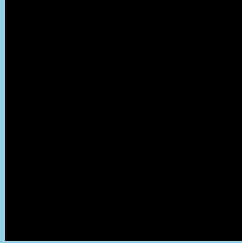
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 95D1E3 Background



This preview shows how black text looks on a background with the Hex color 95D1E3.

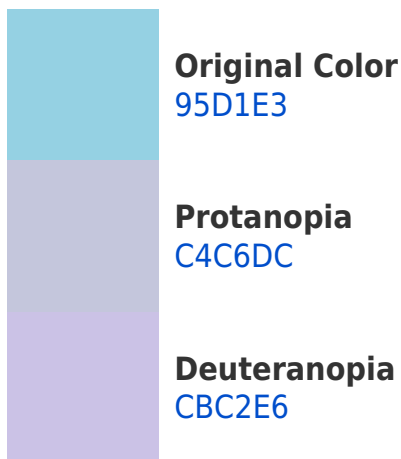


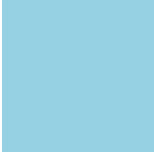
This preview shows how white text looks on a background with the Hex color 95D1E3.

# 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](#).

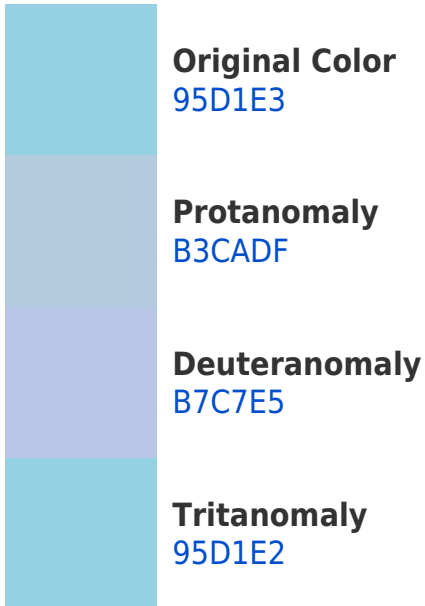
## Dichromacy



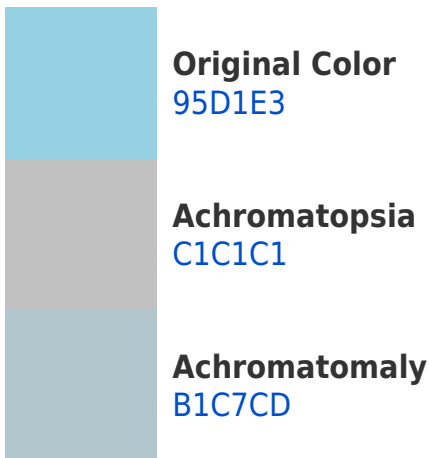


**Tritanopia**  
95D1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95D1E3 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 #95D1E3 looks like.

```
.text, #text, p{  
    color:#95D1E3  
}
```

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 #95D1E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D1E3
}
```

## Border

The CSS property to change the border of an element to Hex 95D1E3 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
#95D1E3 }
```

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

```
.border{ border-color:#95D1E3 }
```

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

Here you see how a box with a 4 pixel #95D1E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D1E3; -webkit-box-shadow:4px 4px  
4px 4px #95D1E3; box-shadow:4px 4px 4px  
4px #95D1E3 }
```

# Background

The CSS property to change the background color of an element to Hex 95D1E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D1E3 }
```

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

```
.background{ background-color:#95D1E3 }
```

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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