

# Converting Colors

Hex(95E2D0)

Have a look what the booklet for  
Hex(95E2D0) contains.

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# **Color**

**Hex(95E2D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95E2D0
RGB	149, 226, 208
RGB Percent	58%, 89%, 82%
CMY	0.4157, 0.1137, 0.1843
CMYK	0.34, 0.00, 0.08, 0.11
HSL	166°, 57%, 74%
HSV	166°, 34%, 89%
XYZ	50.9759, 65.3363, 69.5990
YIQ	200.9250, -40.1140, -21.9220

# Conversions

## Conversions Part 2

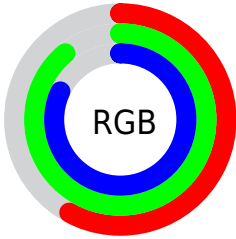
Format	Color
<a href="#">RYB</a>	<a href="#">149, 193, 226</a>
Decimal	<a href="#">9822928</a>
CIELab	<a href="#">84.66, -27.63, 1.26</a>
CIELCh	<a href="#">85, 27.658, 177.384</a>
Yxy	<a href="#">65.3363, 0.2742, 0.3514</a>
Android (android.graphics.Color)	<a href="#">4288013008</a> ( <a href="#">0xFF95E2D0</a> )
YUV	<a href="#">200.9250, 3.4880, -45.5382</a>
Hunter-Lab	<a href="#">80.8309, -28.8832, 5.5303</a>

# Details

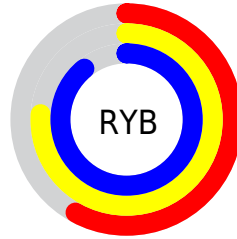
The Hex color **95E2D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E295A7**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CDFFFF**, and **5FAA9A** is the 20% darker color. If you saturate the color by 10%, you get **7EE2CB**, and if you desaturate by 10%, it is **ACE2D5**.

# Distribution



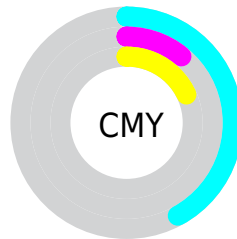
- Red (58%)
- Green (89%)
- Blue (82%)



- Red (58%)
- Yellow (76%)
- Blue (89%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 95E2D0 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 95E2D0 by changing the saturation by 10% instead.



 95E2D0

 95E2D0

FFFFFF

 7AC6B4

 CDFFFF

 5FAA9A

 EAFFFF

 449080

 277667

 005D4F

 004538

 002E23

 00190D

 000000

 95E2D0

 95E2D0

 7EE2CB

 ACE2D5

 68E2C5

 C2E2DB

 51E2C0

 D9E2E0

 3BE2BB

 EFE2E5

 24E2B6

 FFE2EA

 0DE2B0

 FFE2F0

 00E2AD

 FFE2F5

 FFE2FA

 FFE2FF

# Harmonies

## Analogous

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



AFD6B6



95E2D0



88E2EA

# Triad

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



95E2D0



D5CDFF



FEC8A8

# Complementary

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



95E2D0



E295A7

# 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.



FFC2BD



95E2D0



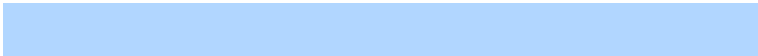
F3C5F0

# Square

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



95E2D0



B1D6FF



FFC1D7



E9D19F

# Rectangle

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



95E2D0



8CDFF9



FFC1D7



FFC6AE



# Sweetspot

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



95E2D0



E6FFF9



A8E295



70807C



000000



808080

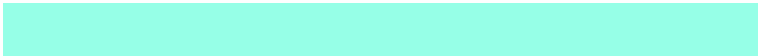


# Same Dimension

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



95E2D0



96FFE7



95CFE2



65706E



00B087



003025



# Inverse Universe

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



E295A7



FF96AF



E2A895



706568



B00029

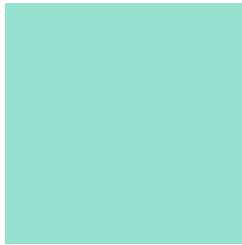


30000B



# Previews

## White Background



This preview shows how the Hex color 95E2D0 looks on a white background.

## Color Contrast Check

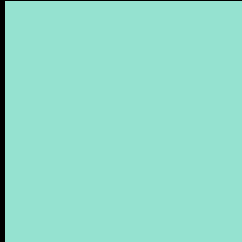
Large Text (above 18pt) WCAG AA × Fail

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 95E2D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

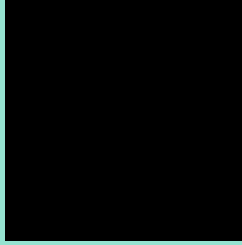
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

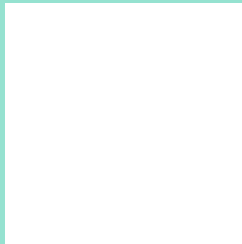
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95E2D0 Background



This preview shows how black text looks on a background with the Hex color 95E2D0.

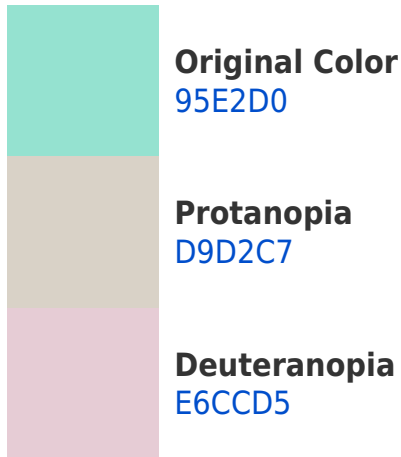


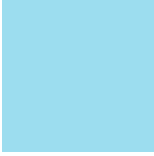
This preview shows how white text looks on a background with the Hex color 95E2D0.

# 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](#).

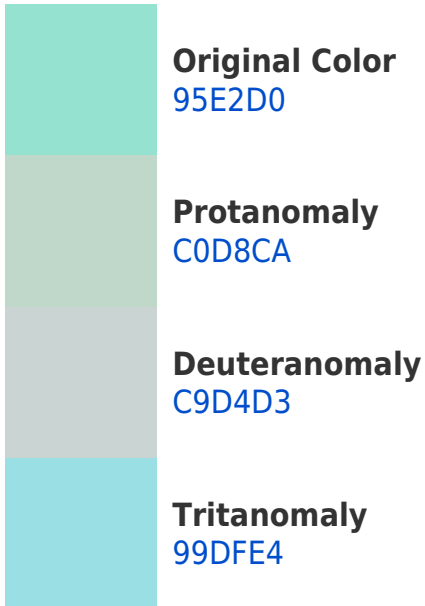
## Dichromacy



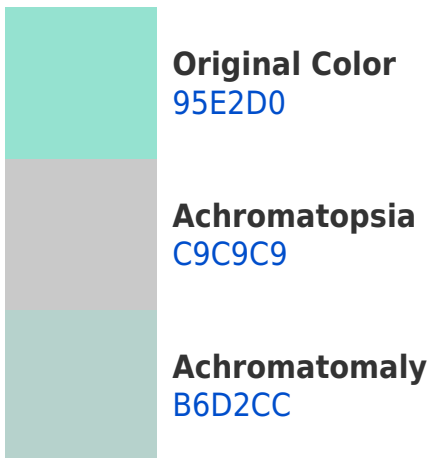


**Tritanopia**  
9CDDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95E2D0 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 #95E2D0 looks like.

```
.text, #text, p{  
    color:#95E2D0  
}
```

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 #95E2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95E2D0
}
```

## Border

The CSS property to change the border of an element to Hex 95E2D0 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
#95E2D0 }
```

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

```
.border{ border-color:#95E2D0 }
```

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

Here you see how a box with a 4 pixel #95E2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95E2D0; -webkit-box-shadow:4px 4px  
4px 4px #95E2D0; box-shadow:4px 4px 4px  
4px #95E2D0 }
```

# Background

The CSS property to change the background color of an element to Hex 95E2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95E2D0 }
```

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

```
.background{ background-color:#95E2D0 }
```

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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