

# Converting Colors

Hex(95D3B7)

Have a look what the booklet for  
Hex(95D3B7) contains.

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# **Color**

**Hex(95D3B7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95D3B7
RGB	149, 211, 183
RGB Percent	58%, 83%, 72%
CMY	0.4157, 0.1725, 0.2824
CMYK	0.29, 0.00, 0.13, 0.17
HSL	153°, 41%, 71%
HSV	153°, 29%, 83%
XYZ	44.2359, 56.3970, 53.3540
YIQ	189.2700, -27.9640, -21.8520

# Conversions

## Conversions Part 2

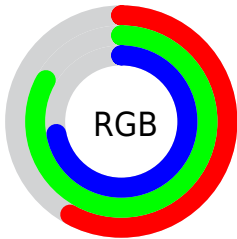
Format	Color
<a href="#">RYB</a>	<a href="#">149, 189, 211</a>
Decimal	<a href="#">9819063</a>
CIELab	<a href="#">79.84, -25.62, 7.56</a>
CIELCh	<a href="#">80, 26.714, 163.552</a>
Yxy	<a href="#">56.3970, 0.2873, 0.3662</a>
Android (android.graphics.Color)	<a href="#">4288009143 (0xFF95D3B7)</a>
YUV	<a href="#">189.2700, -3.0911, -35.3168</a>
Hunter-Lab	<a href="#">75.0979, -26.2771, 10.4455</a>

# Details

The Hex color **95D3B7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D395B1**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CCFFEF**, and **609C82** is the 20% darker color. If you saturate the color by 10%, you get **80D3AD**, and if you desaturate by 10%, it is **AAD3C1**.

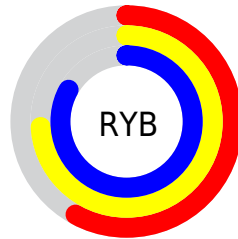
# Distribution



Red (58%)

Green (83%)

Blue (72%)



Red (58%)

Yellow (74%)

Blue (83%)

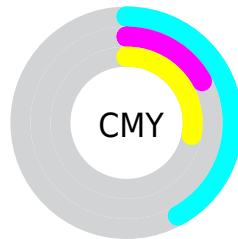


Cyan (29%)

Magenta (0%)

Yellow (13%)

Black (17%)



Cyan (42%)

Magenta (17%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95D3B7 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 95D3B7 by changing the saturation by 10% instead.



 95D3B7

 95D3B7

FFFFFF

 7AB79C


 CCFFEF

 609C82

 E9FFFF

 478269

 2D6951

 11503A

 003924

 00230F

 000000

 95D3B7

 95D3B7

 80D3AD

 AAD3C1

 6BD3A4

 BFD3CA

 56D39A

 D4D3D4

 41D391

 E9D3DD

 2CD387

 FFD3E7

 16D37E

 FFD3F0

 01D374

 FFD3FA

 00D374

 FFD3FF

# Harmonies

## Analogous

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



B1CFA1



95D3B7



81D4D1

# Triad

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



95D3B7



B7C4F6



F5B8A5

# Complementary

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



95D3B7



D395B1

# 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.



F9B4BB



95D3B7



D8BCEA

# Square

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



95D3B7



96CCF5



EFB5D5



E5C097

# Rectangle

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



95D3B7



7ED3E1



EFB5D5



F8B6AC

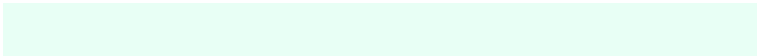


# Sweetspot

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



95D3B7



E8FFF5



B2D395



718079



000000



808080

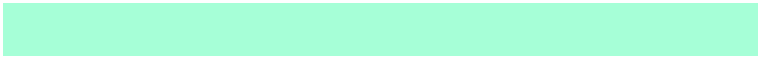


# Same Dimension

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



95D3B7



A6FFD7



95D1D3



5E6964



00A85C



002916



# Inverse Universe

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



D395B1



FFA6CE



D39795



695E63



A8004C

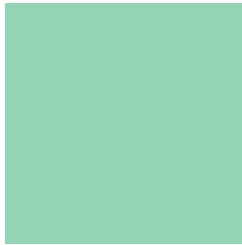


290012



# Previews

## White Background



This preview shows how the Hex color 95D3B7 looks on a white background.

## Color Contrast Check

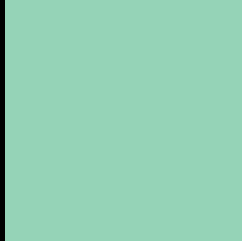
Large Text (above 18pt) WCAG AA × Fail

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 95D3B7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

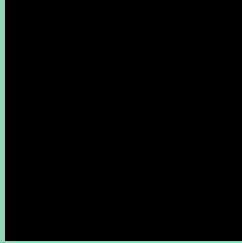
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

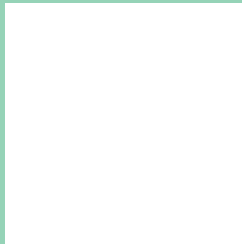
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95D3B7 Background



This preview shows how black text looks on a background with the Hex color 95D3B7.

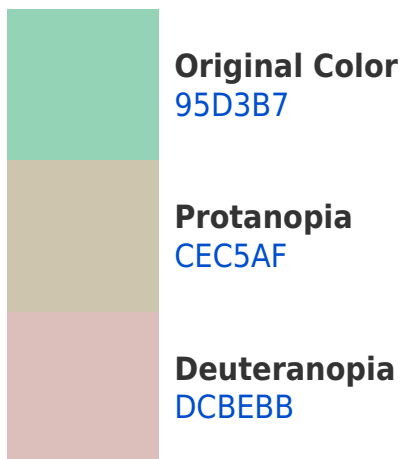


This preview shows how white text looks on a background with the Hex color 95D3B7.

# 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](#).

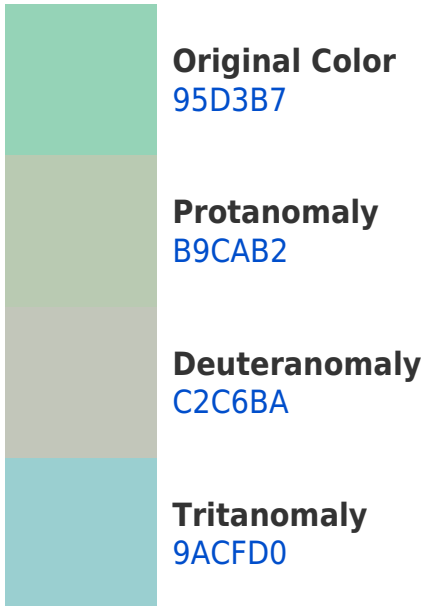
## Dichromacy



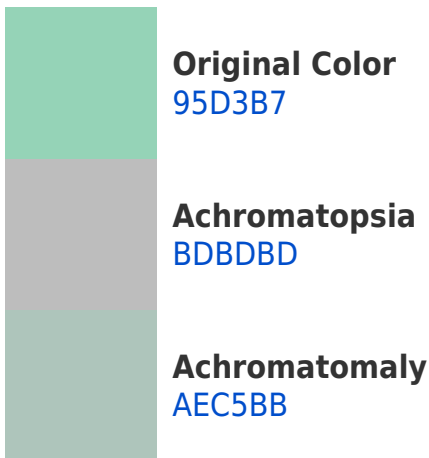


**Tritanopia**  
9DCDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95D3B7 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 #95D3B7 looks like.

```
.text, #text, p{  
    color:#95D3B7  
}
```

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 #95D3B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D3B7
}
```

## Border

The CSS property to change the border of an element to Hex 95D3B7 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
#95D3B7 }
```

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

```
.border{ border-color:#95D3B7 }
```

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

Here you see how a box with a 4 pixel #95D3B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D3B7; -webkit-box-shadow:4px 4px  
4px 4px #95D3B7; box-shadow:4px 4px 4px  
4px #95D3B7 }
```

# Background

The CSS property to change the background color of an element to Hex 95D3B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D3B7 }
```

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

```
.background{ background-color:#95D3B7 }
```

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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