

# Converting Colors

Hex(95D4C3)

Have a look what the booklet for  
Hex(95D4C3) contains.

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# **Color**

**Hex(95D4C3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95D4C3
RGB	149, 212, 195
RGB Percent	58%, 83%, 76%
CMY	0.4157, 0.1686, 0.2353
CMYK	0.30, 0.00, 0.08, 0.17
HSL	164°, 42%, 71%
HSV	164°, 30%, 83%
XYZ	45.7882, 57.4167, 60.2990
YIQ	191.2250, -32.0910, -18.6430

# Conversions

## Conversions Part 2

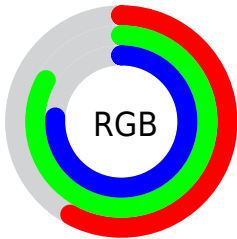
Format	Color
<a href="#">RYB</a>	<a href="#">149, 185, 212</a>
Decimal	<a href="#">9819331</a>
CIELab	<a href="#">80.41, -23.61, 1.99</a>
CIElCh	<a href="#">80, 23.698, 175.184</a>
Yxy	<a href="#">57.4167, 0.2800, 0.3512</a>
Android (android.graphics.Color)	<a href="#">4288009411 (0xFF95D4C3)</a>
YUV	<a href="#">191.2250, 1.8611, -37.0313</a>
Hunter-Lab	<a href="#">75.7738, -24.7409, 5.8601</a>

# Details

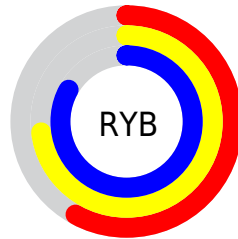
The Hex color **95D4C3** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D495A6**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **CDFFFC**, and **609D8D** is the 20% darker color. If you saturate the color by 10%, you get **80D4BD**, and if you desaturate by 10%, it is **AAD4C9**.

# Distribution



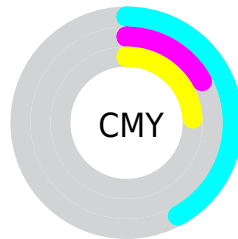
- Red (58%)
- Green (83%)
- Blue (76%)



- Red (58%)
- Yellow (73%)
- Blue (83%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (42%)
- Magenta (17%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95D4C3 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 95D4C3 by changing the saturation by 10% instead.



 95D4C3

 95D4C3

FFFFFF

 7AB8A8

 CDFFFC

 609D8D

 E9FFFF

 468374

 2C695B

 0F5144

 003A2E

 002419

 000300

 000000

 95D4C3

 95D4C3

 80D4BD

 AAD4C9

 6BD4B8

 BFD4CE

 55D4B2

 D5D4D4

 40D4AC

 EAD4DA

 2BD4A6

 FFD4E0

 16D4A1

 FFD4E5

 01D49B

 FFD4EB

 00D49B

 FFD4F1

 FFD4F6

# Harmonies

## Analogous

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



ABD1AE



95D4C3



8AD4D9

# Triad

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



95D4C3



C7C3EF



EDBEA4

# Complementary

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



95D4C3



D495A6

# 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.



F5B9B6



95D4C3



E1BCE1

# Square

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



95D4C3



A9CBF3



F1B8CC



DCC59C

# Rectangle

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



95D4C3



8DD2E6



F1B8CC



F1BCA9

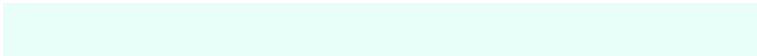


# Sweetspot

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



95D4C3



E8FFF9



A7D495



71807C



000000



808080



# Same Dimension

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



95D4C3



A3FFE6



95C6D4



606B68



00AB7D



002B20



# Inverse Universe

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



D495A6



FFA3BC



D4A395



6B6063



AB002E

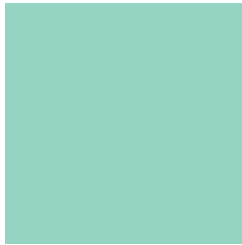


2B000C



# Previews

## White Background



This preview shows how the Hex color 95D4C3 looks on a white background.

## Color Contrast Check

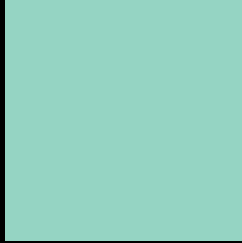
Large Text (above 18pt) WCAG AA × Fail

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 95D4C3 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

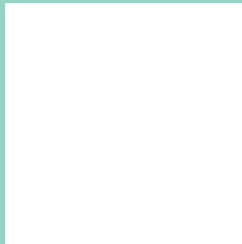
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 95D4C3 Background



This preview shows how black text looks on a background with the Hex color 95D4C3.

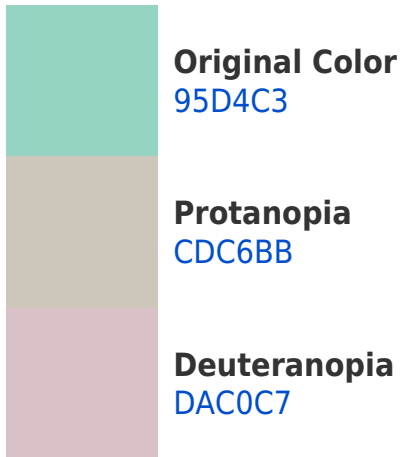


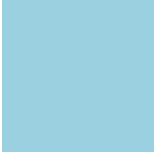
This preview shows how white text looks on a background with the Hex color 95D4C3.

# 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**  
9BD0E0

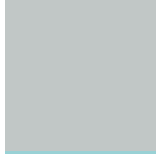
# Trichromacy



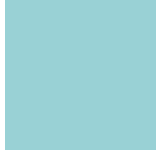
**Original Color**  
95D4C3



**Protanomaly**  
B9CBBE



**Deuteranomaly**  
C1C7C6

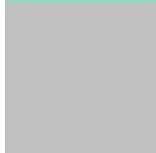


**Tritanomaly**  
99D1D5

# Monochromacy



**Original Color**  
95D4C3



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
B0C7C0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95D4C3 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 #95D4C3 looks like.

```
.text, #text, p{  
    color:#95D4C3  
}
```

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 #95D4C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D4C3
}
```

## Border

The CSS property to change the border of an element to Hex 95D4C3 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
#95D4C3 }
```

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

```
.border{ border-color:#95D4C3 }
```

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

Here you see how a box with a 4 pixel #95D4C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D4C3; -webkit-box-shadow:4px 4px  
4px 4px #95D4C3; box-shadow:4px 4px 4px  
4px #95D4C3 }
```

# Background

The CSS property to change the background color of an element to Hex 95D4C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D4C3 }
```

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

```
.background{ background-color:#95D4C3 }
```

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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