

Converting Colors

Hex(95D5C9)

Have a look what the booklet for
Hex(95D5C9) contains.

Hex(95D5C9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(95D5C9)

Conversions

Conversions Part 1

Format	Color
Hex	95D5C9
RGB	149, 213, 201
RGB Percent	58%, 84%, 79%
CMY	0.4157, 0.1647, 0.2118
CMYK	0.30, 0.00, 0.06, 0.16
HSL	169°, 43%, 71%
HSV	169°, 30%, 84%
XYZ	46.7313, 58.1951, 64.0281
YIQ	192.4960, -34.2920, -17.3000

Conversions

Conversions Part 2

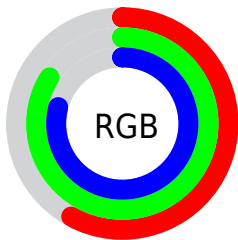
Format	Color
RYB	149, 184, 213
Decimal	9819593
CIELab	80.85, -22.81, -0.58
CIElCh	81, 22.819, 181.459
Yxy	58.1951, 0.2766, 0.3444
Android (android.graphics.Color)	4288009673 (0xFF95D5C9)
YUV	192.4960, 4.1925, -38.1460
Hunter-Lab	76.2857, -24.1540, 3.6367

Details

The Hex color **95D5C9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D595A1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **CDFFFF**, and **609E93** is the 20% darker color. If you saturate the color by 10%, you get **80D5C5**, and if you desaturate by 10%, it is **AAD5CD**.

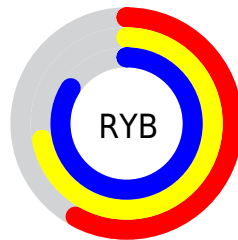
Distribution



Red (58%)

Green (84%)

Blue (79%)



Red (58%)

Yellow (72%)

Blue (84%)

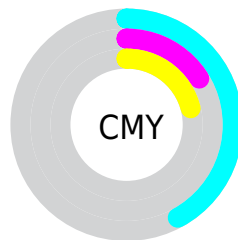


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95D5C9 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 95D5C9 by changing the saturation by 10% instead.

 95D5C9

 95D5C9

FFFFFF

 7AB9AE

 CDFFFF

 609E93

 E9FFFF

 468479

 2B6A61

 0C5249

 003B32

 00251D

 000604

 000000

 95D5C9

 95D5C9

 80D5C5

 AAD5CD

 6AD5C1

 C0D5D1

 55D5BD

 D5D5D5

 40D5B9

 EAD5D9

 2AD5B5

 FFD5DD

 15D5B1

 FFD5E1

 00D5AD

 FFD5E5

 FFD5E9

 FFD5ED

Harmonies

Analogous

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



A8D3B4



95D5C9



8ED4DE

Triad

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



95D5C9



CEC3ED



EBC1A4

Complementary

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



95D5C9



D595A1

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.



F4BBB3



95D5C9



E5BDDD

Square

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



95D5C9



B1CAF3



F3BAC8



D8C89E

Rectangle

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



95D5C9



93D2E9



F3BAC8



EFBEA8

Sweetspot

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



95D5C9



E8FFFB



A2D595



71807D



000000



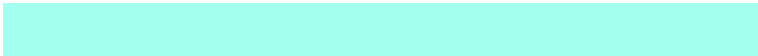
808080

Same Dimension

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



95D5C9



A3FFEE



95C2D5



606B69



00AB8B



002B23

Inverse Universe

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



D595A1



FFA3B4



D5A895



6B6062



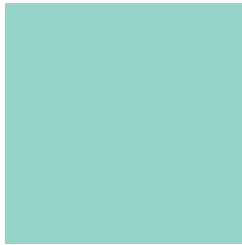
AB0020



2B0008

Previews

White Background



This preview shows how the Hex color 95D5C9 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 95D5C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

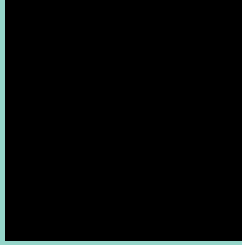
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

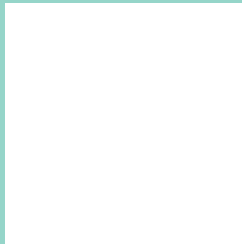
Any Text WCAG AAA ✓ Pass

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

Hex 95D5C9 Background



This preview shows how black text looks on a background with the Hex color 95D5C9.

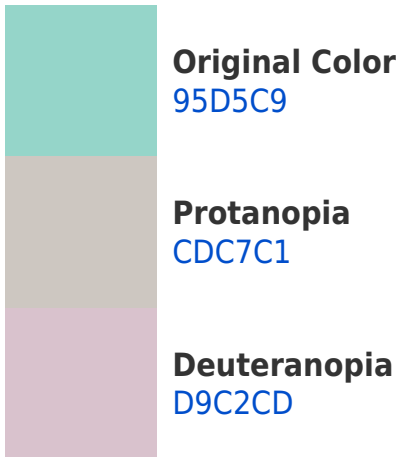


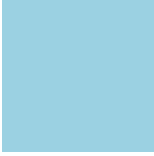
This preview shows how white text looks on a background with the Hex color 95D5C9.

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](#).

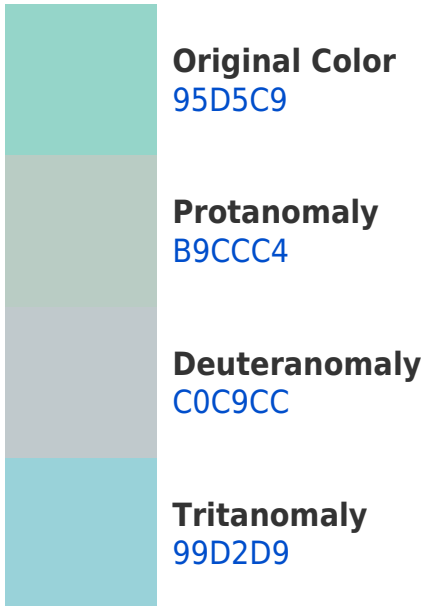
Dichromacy



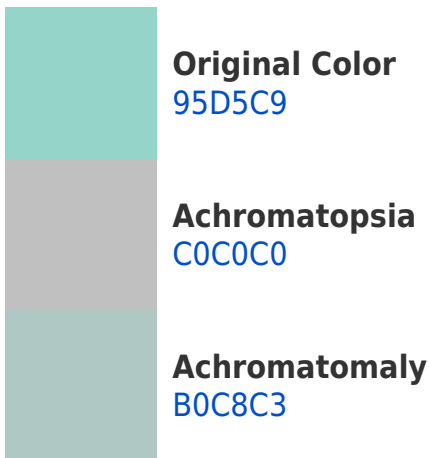


Tritanopia
9BD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95D5C9 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 #95D5C9 looks like.

```
.text, #text, p{  
    color:#95D5C9  
}
```

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 #95D5C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D5C9
}
```

Border

The CSS property to change the border of an element to Hex 95D5C9 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
#95D5C9 }
```

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

```
.border{ border-color:#95D5C9 }
```

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

Here you see how a box with a 4 pixel #95D5C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D5C9; -webkit-box-shadow:4px 4px  
4px 4px #95D5C9; box-shadow:4px 4px 4px  
4px #95D5C9 }
```

Background

The CSS property to change the background color of an element to Hex 95D5C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D5C9 }
```

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

```
.background{ background-color:#95D5C9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor