

# Converting Colors

Hex(93D89C)

Have a look what the booklet for  
Hex(93D89C) contains.

<b>Hex(93D89C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(93D89C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93D89C
RGB	147, 216, 156
RGB Percent	58%, 85%, 61%
CMY	0.4235, 0.1529, 0.3882
CMYK	0.32, 0.00, 0.28, 0.15
HSL	128°, 47%, 71%
HSV	128°, 32%, 85%
XYZ	42.5892, 57.7151, 40.3479
YIQ	188.5290, -21.8640, -33.2880

# Conversions

## Conversions Part 2

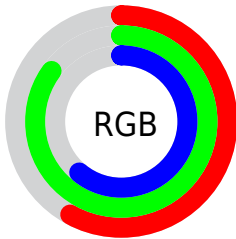
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 208, 216
Decimal	9689244
CIELab	80.58, -33.68, 22.86
CIElCh	81, 40.710, 145.832
Yxy	57.7151, 0.3028, 0.4103
Android (android.graphics.Color)	4287879324 (0xFF93D89C)
YUV	188.5290, -16.0368, -36.4209
Hunter-Lab	75.9704, -32.8807, 21.6904

# Details

The Hex color **93D89C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D893CF**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **CBFFD3**, and **5EA168** is the 20% darker color. If you saturate the color by 10%, you get **7DD889**, and if you desaturate by 10%, it is **A9D8AF**.

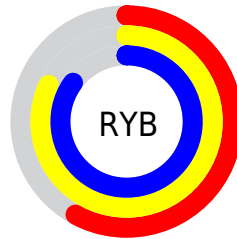
# Distribution



Red (58%)

Green (85%)

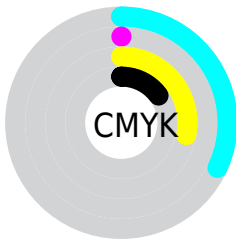
Blue (61%)



Red (58%)

Yellow (82%)

Blue (85%)

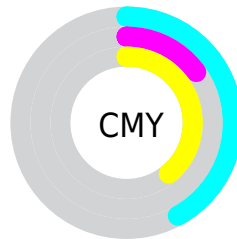


Cyan (32%)

Magenta (0%)

Yellow (28%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93D89C 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 93D89C by changing the saturation by 10% instead.



 93D89C

 93D89C

FFFFFF

 78BC82

 CBFFD3

 5EA168

 E7FFE7

 448650

 296D38

 085422

 003C0C

 002600

 000400

 000000

 93D89C

 93D89C

 7DD889

 A9D8AF

 68D876

 BED8C2

 52D864


 D4D8D4

 3DD851

 E9D8E7

 27D83E

 FFD8FA

 11D82B

 FFD8FF

 00D81C

# Harmonies

## Analogous

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



C0D082



93D89C



62DCC1

# Triad

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



93D89C



89CDFE



FFADA9

# Complementary

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



93D89C



D893CF

# 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.



FFABCF



93D89C



C5C0FF

# Square

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



93D89C



4AD7FF



F3B3F3



FFB78A

# Rectangle

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



93D89C



42DCDB



F3B3F3



FFABB5

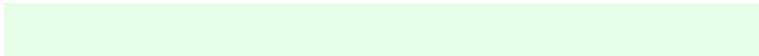


# Sweetspot

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



93D89C



E6FFE9



D0D893



708072



000000



808080

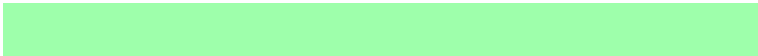


# Same Dimension

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



93D89C



9EFFAB



93D8BE



606B62



00AB16



002B06



# Inverse Universe

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



D893CF



FF9EF2



D893AD



6B606A



AB0095

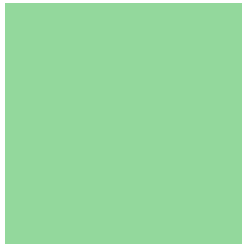


2B0026



# Previews

## White Background



This preview shows how the Hex color 93D89C 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 93D89C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

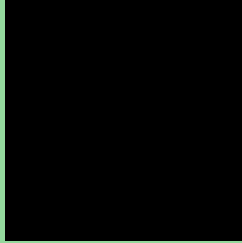
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 93D89C Background



This preview shows how black text looks on a background with the Hex color 93D89C.

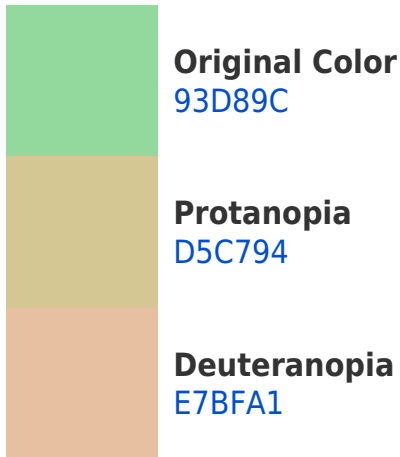


This preview shows how white text looks on a background with the Hex color 93D89C.

# Color Blindness Simulation

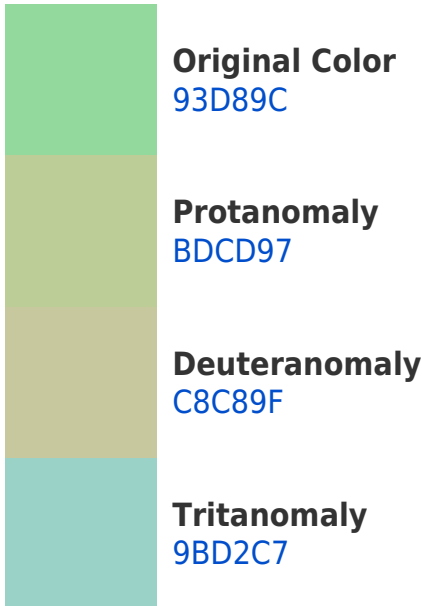
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

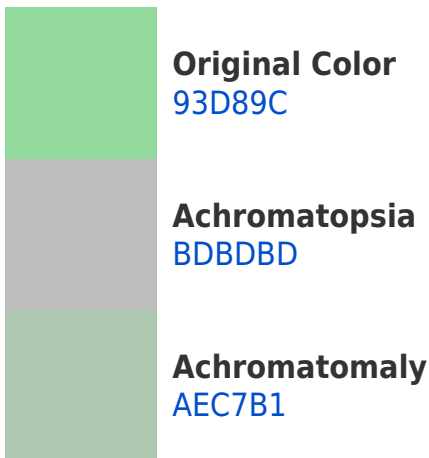




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93D89C 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 #93D89C looks like.

```
.text, #text, p{  
    color:#93D89C  
}
```

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 #93D89C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93D89C
}
```

## Border

The CSS property to change the border of an element to Hex 93D89C 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
#93D89C }
```

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

```
.border{ border-color:#93D89C }
```

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

Here you see how a box with a 4 pixel #93D89C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93D89C; -webkit-box-shadow:4px 4px  
4px 4px #93D89C; box-shadow:4px 4px 4px  
4px #93D89C }
```

# Background

The CSS property to change the background color of an element to Hex 93D89C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93D89C }
```

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

```
.background{ background-color:#93D89C }
```

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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