

Converting Colors

Hex(93C184)

Have a look what the booklet for
Hex(93C184) contains.

Hex(93C184)	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(93C184)

Conversions

Conversions Part 1

Format	Color
Hex	93C184
RGB	147, 193, 132
RGB Percent	58%, 76%, 52%
CMY	0.4235, 0.2431, 0.4824
CMYK	0.24, 0.00, 0.32, 0.24
HSL	105°, 33%, 64%
HSV	105°, 32%, 76%
XYZ	35.2674, 46.0089, 28.8516
YIQ	172.2920, -7.8350, -28.7230

Conversions

Conversions Part 2

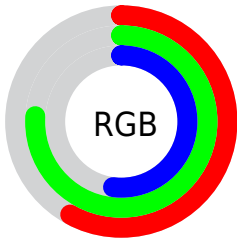
Format	Color
RYB	132, 193, 178
Decimal	9683332
CIELab	73.55, -26.70, 25.94
CIELCh	74, 37.228, 135.833
Yxy	46.0089, 0.3202, 0.4178
Android (android.graphics.Color)	4287873412 (0xFF93C184)
YUV	172.2920, -19.8640, -22.1811
Hunter-Lab	67.8299, -25.8930, 22.2618

Details

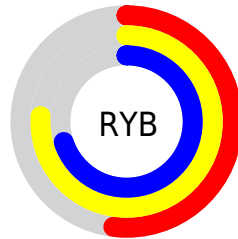
The Hex color **93C184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B284C1**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **CAFAB9**, and **5F8B52** is the 20% darker color. If you saturate the color by 10%, you get **84C171**, and if you desaturate by 10%, it is **A2C197**.

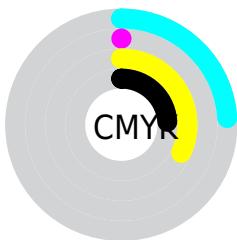
Distribution



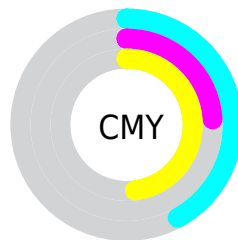
- Red (58%)
- Green (76%)
- Blue (52%)



- Red (52%)
- Yellow (76%)
- Blue (70%)



- Cyan (24%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)



- Cyan (42%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C184 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 93C184 by changing the saturation by 10% instead.



93C184



93C184

FFFFFF



79A66A



CAFAB9



5F8B52



E6FFD5



46723A



FFFFF2



2D5923



14410D



002A00



001500



000000



93C184



93C184

 84C171

 A2C197

 76C15D

 B0C1AB

 67C14A

 BFC1BE

 59C137

 CDC1D1

 4AC124

 DCC1E5

 3CC110

 EAC1F8

 2FC100

 F9C1FF

 FFC1FF

Harmonies

Analogous

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



B9B872



93C184



69C6A3

Triad

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



93C184



6ABDF6



F89BA4

Complementary

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



93C184



B284C1

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.



ED9CC6



93C184



A1B2F6

Square

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



93C184



38C4E5



CFA5E4



F0A285

Rectangle

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



93C184



4BC7BA



CFA5E4



F79AAF

Sweetspot

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



93C184



E9FAE3



C1B284



737D6F



FCFCFC



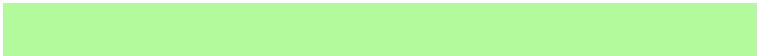
7D7D7D

Same Dimension

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



93C184



B2FA9B



84C193



5A6157



28A100



082100

Inverse Universe

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



B284C1



E39BFA



C184B2



5F5761



7900A1



190021

Previews

White Background



This preview shows how the Hex color 93C184 looks on a white background.

Color Contrast Check

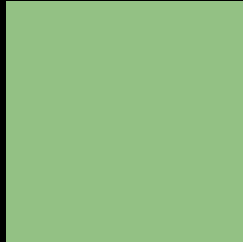
Large Text (above 18pt) WCAG AA × Fail

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 93C184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

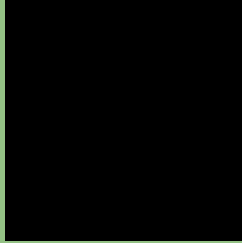
Any Text WCAG AA ✓ Pass

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 93C184 Background



This preview shows how black text looks on a background with the Hex color 93C184.

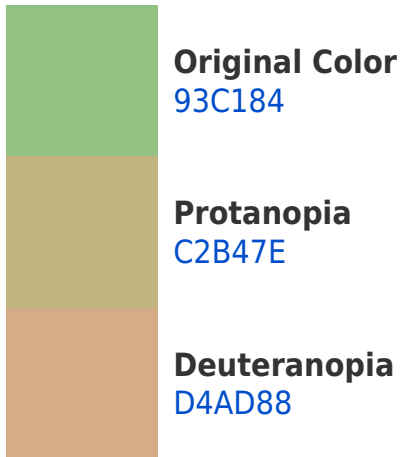


This preview shows how white text looks on a background with the Hex color 93C184.

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](#).

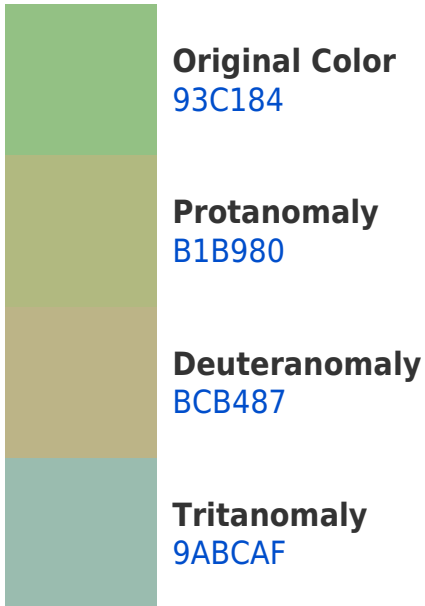
Dichromacy



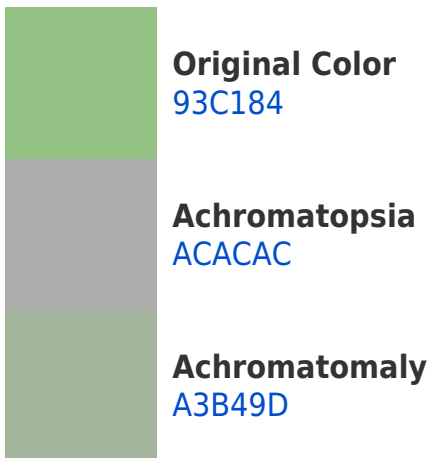


Tritanopia
9EB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C184 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 #93C184 looks like.

```
.text, #text, p{  
    color:#93C184  
}
```

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 #93C184 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C184
}
```

Border

The CSS property to change the border of an element to Hex 93C184 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
#93C184 }
```

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

```
.border{ border-color:#93C184 }
```

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

Here you see how a box with a 4 pixel #93C184 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C184; -webkit-box-shadow:4px 4px  
4px 4px #93C184; box-shadow:4px 4px 4px  
4px #93C184 }
```

Background

The CSS property to change the background color of an element to Hex 93C184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C184 }
```

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

```
.background{ background-color:#93C184 }
```

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