

Converting Colors

Hex(93C395)

Have a look what the booklet for
Hex(93C395) contains.

Hex(93C395)	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(93C395)

Conversions

Conversions Part 1

Format	Color
Hex	93C395
RGB	147, 195, 149
RGB Percent	58%, 76%, 58%
CMY	0.4235, 0.2353, 0.4157
CMYK	0.25, 0.00, 0.24, 0.24
HSL	123°, 29%, 67%
HSV	123°, 25%, 76%
XYZ	36.9725, 47.4032, 35.6348
YIQ	175.4040, -13.8420, -24.4820

Conversions

Conversions Part 2

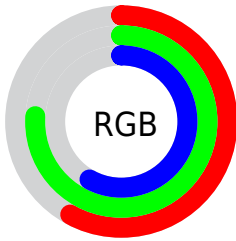
Format	Color
RYB	147, 193, 195
Decimal	9683861
CIELab	74.45, -24.87, 18.12
CIElCh	74, 30.765, 143.924
Yxy	47.4032, 0.3081, 0.3950
Android (android.graphics.Color)	4287873941 (0xFF93C395)
YUV	175.4040, -13.0172, -24.9103
Hunter-Lab	68.8500, -24.6327, 17.5081

Details

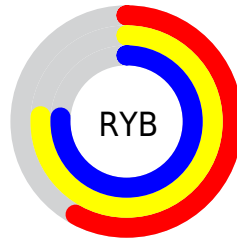
The Hex color **93C395** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C393C1**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CAFCCB**, and **5F8D62** is the 20% darker color. If you saturate the color by 10%, you get **80C382**, and if you desaturate by 10%, it is **A6C3A8**.

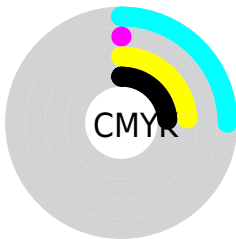
Distribution



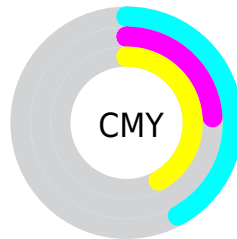
- Red (58%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (76%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 93C395 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 93C395 by changing the saturation by 10% instead.

 93C395

 93C395

FFFFFF

 79A87B

 CAFCCB

 5F8D62

 E6FFE7

 46734A

 2E5B33

 16431D

 002C06

 001800

 000000

 93C395

 93C395

 80C382

 A6C3A8

 6CC370

 BAC3BA

 59C35D

 CEC3CD

 45C34A

 E1C3E0

 31C338

 F4C3F2

 1EC325

 FFC3FF

 0BC312

 00C308

Harmonies

Analogous

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



B4BC83



93C395



73C6B0

Triad

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



93C395



8ABCEF



F0A3A2

Complementary

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



93C395



C393C1

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.



EBA3BE



93C395



B3B2EB

Square

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



93C395



67C3E4



D6A8D9



E6AA8A

Rectangle

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



93C395



63C7C4



D6A8D9



F0A2AB

Sweetspot

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



93C395



EBFCEC



C1C393



758076



000000



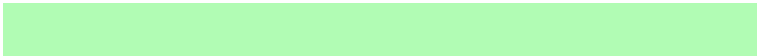
808080

Same Dimension

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



93C395



B1FCB4



93C3AD



576158



00A107



002101

Inverse Universe

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



C393C1



FCB1F9



C393A9



615760



A1009A



210020

Previews

White Background



This preview shows how the Hex color 93C395 looks on a white background.

Color Contrast Check

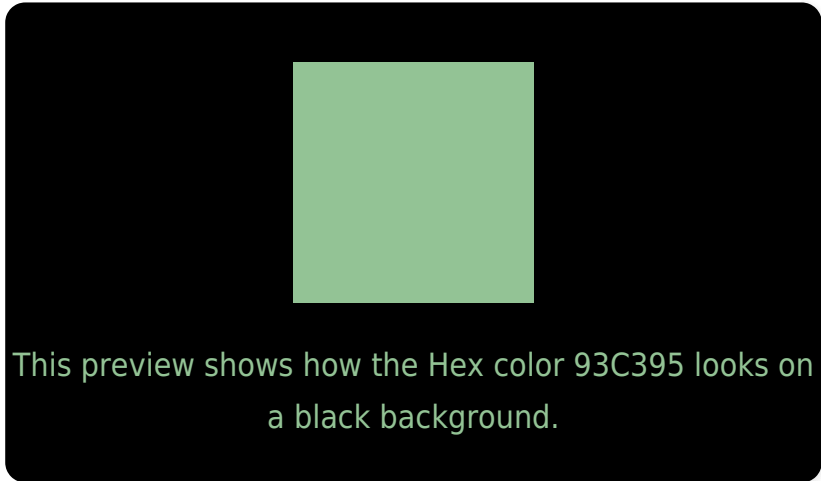
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

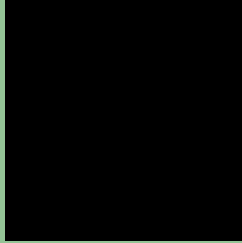
Any Text WCAG AA ✓ Pass

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 93C395 Background



This preview shows how black text looks on a background with the Hex color 93C395.

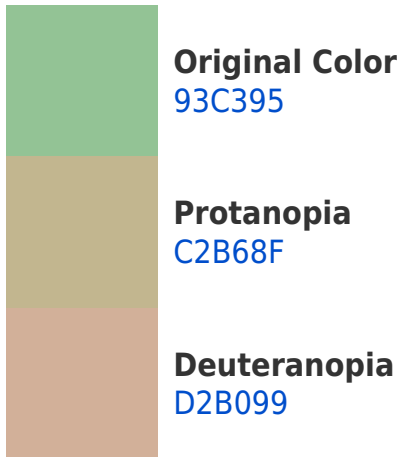


This preview shows how white text looks on a background with the Hex color 93C395.

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
9DBCCB

Trichromacy



Original Color
93C395

Protanomaly
B1BB91

Deuteranomaly
BBB798

Tritanomaly
99BFB7

Monochromacy



Original Color
93C395

Achromatopsia
AFAFAF

Achromatomaly
A5B6A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 93C395 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 #93C395 looks like.

```
.text, #text, p{  
    color:#93C395  
}
```

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 #93C395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C395  
}
```

Border

The CSS property to change the border of an element to Hex 93C395 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  
#93C395 }
```

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

```
.border{ border-color:#93C395 }
```

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

Here you see how a box with a 4 pixel #93C395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C395; -webkit-box-shadow:4px 4px  
4px 4px #93C395; box-shadow:4px 4px 4px  
4px #93C395 }
```

Background

The CSS property to change the background color of an element to Hex 93C395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C395 }
```

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

```
.background{ background-color:#93C395 }
```

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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