

Converting Colors

Hex(93C497)

Have a look what the booklet for
Hex(93C497) contains.

Hex(93C497)	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(93C497)

Conversions

Conversions Part 1

Format	Color
Hex	93C497
RGB	147, 196, 151
RGB Percent	58%, 77%, 59%
CMY	0.4235, 0.2314, 0.4078
CMYK	0.25, 0.00, 0.23, 0.23
HSL	125°, 29%, 67%
HSV	125°, 25%, 77%
XYZ	37.3585, 47.9173, 36.5581
YIQ	176.2190, -14.7590, -24.3830

Conversions

Conversions Part 2

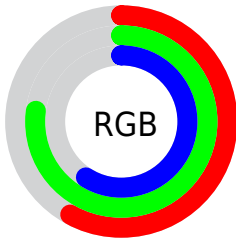
Format	Color
RYB	147, 192, 196
Decimal	9684119
CIELab	74.77, -25.00, 17.50
CIELCh	75, 30.518, 145.016
Yxy	47.9173, 0.3066, 0.3933
Android (android.graphics.Color)	4287874199 (0xFF93C497)
YUV	176.2190, -12.4330, -25.6251
Hunter-Lab	69.2223, -24.8047, 17.1430

Details

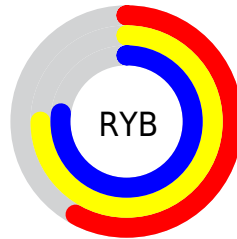
The Hex color **93C497** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C493C0**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **CAFDCD**, and **5F8E64** is the 20% darker color. If you saturate the color by 10%, you get **7FC485**, and if you desaturate by 10%, it is **A7C4A9**.

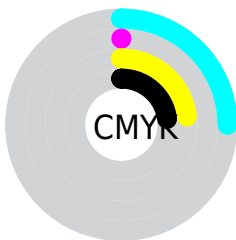
Distribution



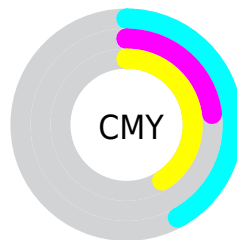
- Red (58%)
- Green (77%)
- Blue (59%)



- Red (58%)
- Yellow (75%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)



- Cyan (42%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C497 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 93C497 by changing the saturation by 10% instead.

 93C497

 93C497

FFFFFF

 79A97D

 CAFDCD

 5F8E64

 E6FFEA

 46744C

 2E5B35

 15441F

 002D09

 001900

 000000

 93C497

 93C497

 7FC485

 A7C4A9

 6CC473

 BAC4BB

 58C461

 CEC4CD

 45C44F

 E1C4DF

 31C43D

 F5C4F1

 1DC42B

 FFC4FF

 0AC419

 00C410

Harmonies

Analogous

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



B3BD85



93C497



74C7B2

Triad

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



93C497



8DBCEF



F0A5A2

Complementary

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



93C497



C493C0

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.



ECA4BE



93C497



B6B2EB

Square

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



93C497



6AC3E5



D8A9D9



E6AB8B

Rectangle

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



93C497



64C8C6



D8A9D9



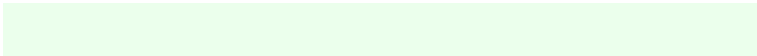
F1A3AB

Sweetspot

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



93C497



EBFFEC



C1C493



738074



000000



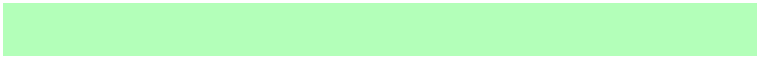
808080

Same Dimension

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



93C497



B3FFB9



93C4AF



576158



00A10D



002103

Inverse Universe

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



C493C0



FFB3F9



C493A8



615760



A10094



21001E

Previews

White Background



This preview shows how the Hex color 93C497 looks on a white background.

Color Contrast Check

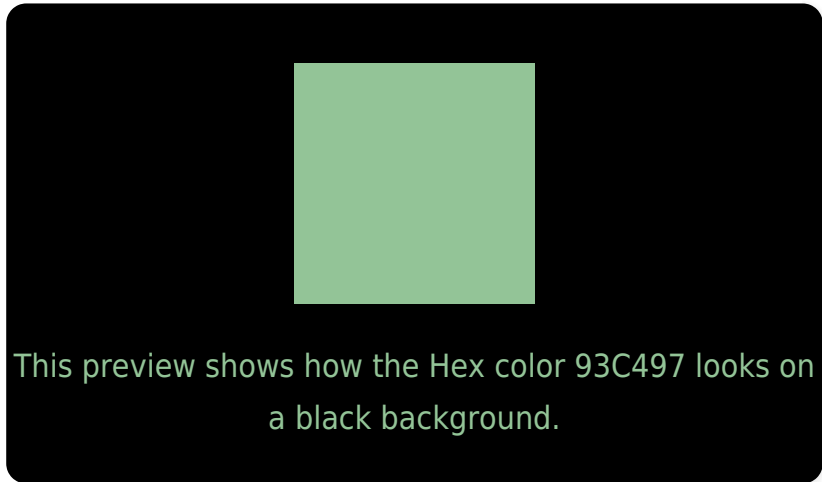
Large Text (above 18pt) WCAG AA × Fail

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

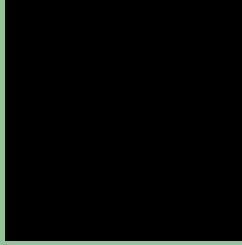
Any Text WCAG AA ✓ Pass

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 93C497 Background



This preview shows how black text looks on a background with the Hex color 93C497.

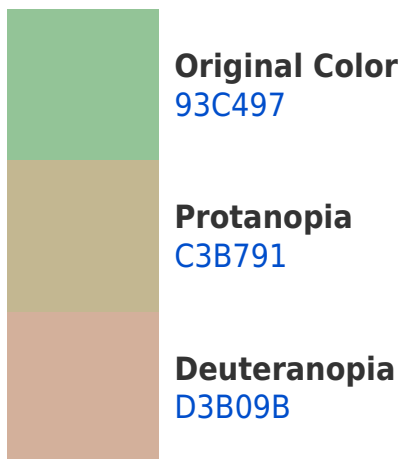


This preview shows how white text looks on a background with the Hex color 93C497.

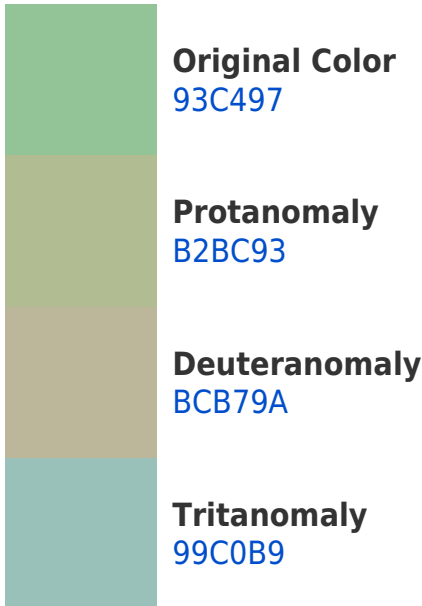
Color Blindness Simulation

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](#).

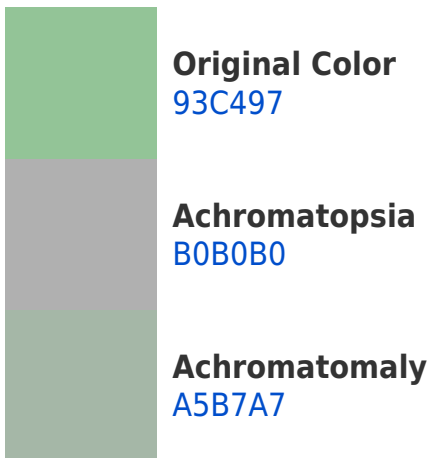
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C497 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 #93C497 looks like.

```
.text, #text, p{  
    color:#93C497  
}
```

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 #93C497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C497
}
```

Border

The CSS property to change the border of an element to Hex 93C497 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
#93C497 }
```

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

```
.border{ border-color:#93C497 }
```

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

Here you see how a box with a 4 pixel #93C497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C497; -webkit-box-shadow:4px 4px  
4px 4px #93C497; box-shadow:4px 4px 4px  
4px #93C497 }
```

Background

The CSS property to change the background color of an element to Hex 93C497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C497 }
```

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

```
.background{ background-color:#93C497 }
```

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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