

# Converting Colors

Hex(99C498)

Have a look what the booklet for  
Hex(99C498) contains.

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**Color**

**Hex(99C498)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C498
RGB	153, 196, 152
RGB Percent	60%, 77%, 60%
CMY	0.4000, 0.2314, 0.4039
CMYK	0.22, 0.00, 0.22, 0.23
HSL	119°, 27%, 68%
HSV	119°, 22%, 77%
XYZ	38.5443, 48.5192, 37.0394
YIQ	178.1270, -11.5040, -22.8000

# Conversions

## Conversions Part 2

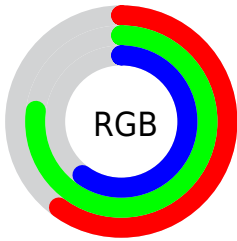
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">152, 196, 195</a>
Decimal	<a href="#">10077336</a>
CIELab	<a href="#">75.15, -22.80, 17.54</a>
CIElCh	<a href="#">75, 28.768, 142.425</a>
Yxy	<a href="#">48.5192, 0.3106, 0.3910</a>
Android (android.graphics.Color)	<a href="#">4288267416 (0xFF99C498)</a>
YUV	<a href="#">178.1270, -12.8806, -22.0364</a>
Hunter-Lab	<a href="#">69.6557, -23.1237, 17.2315</a>

# Details

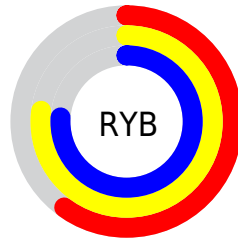
The Hex color **99C498** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C398C4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D0FDCE**, and **658E65** is the 20% darker color. If you saturate the color by 10%, you get **86C484**, and if you desaturate by 10%, it is **ACC4AC**.

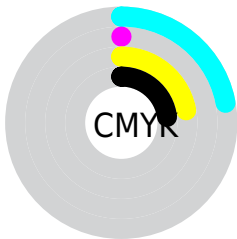
# Distribution



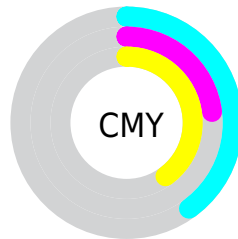
- Red (60%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (40%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99C498 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 99C498 by changing the saturation by 10% instead.



 99C498

 99C498

FFFFFF

 7FA97E

 D0FDCE

 658E65

 ECFFEB

 4C744D

 345C36

 1D4420

 052D0A

 001B00

 000000

 99C498

 99C498

 86C484

 ACC4AC

 73C471

 BFC4BF

 60C45D

 D2C4D3

 4CC44A

 E6C4E6

 39C436

 F9C4FA

 26C422

 FFC4FF

 13C40F

 04C400

# Harmonies

## Analogous

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



B7BE88



99C498



7CC7B1

# Triad

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



99C498



8EBEED



EFA7A6

# Complementary

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



99C498



C398C4

# 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.



E9A6C1



99C498



B4B5EA

# Square

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



99C498



70C4E2



D5ACDA



E6AC90

# Rectangle

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



99C498



6EC8C3



D5ACDA



EFA6AF



# Sweetspot

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



99C498



EEFFED



C4C398



768075



000000



808080

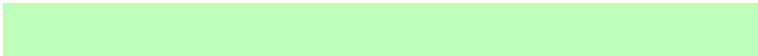


# Same Dimension

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



99C498



BCFFBA



98C4AD



576157



04A100



012100



# Inverse Universe

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



C398C4



FDBAFF



C498AF



615761



9D00A1

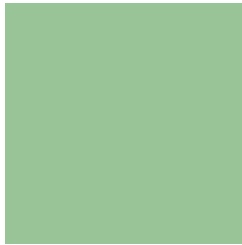


200021



# Previews

## White Background



This preview shows how the Hex color 99C498 looks on a white background.

## Color Contrast Check

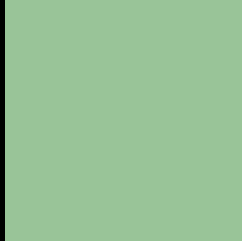
Large Text (above 18pt) WCAG AA × Fail

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 99C498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

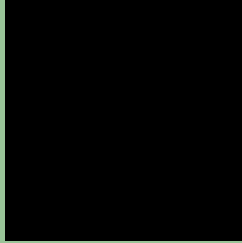
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99C498 Background



This preview shows how black text looks on a background with the Hex color 99C498.



This preview shows how white text looks on a background with the Hex color 99C498.

# 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



**Original Color**  
99C498

**Protanomaly**  
B4BC94

**Deuteranomaly**  
BFB89B

**Tritanomaly**  
9FC0B9

# Monochromacy



**Original Color**  
99C498

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
A9B9A9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99C498 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 #99C498 looks like.

```
.text, #text, p{  
    color:#99C498  
}
```

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 #99C498 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C498
}
```

## Border

The CSS property to change the border of an element to Hex 99C498 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
#99C498 }
```

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

```
.border{ border-color:#99C498 }
```

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

Here you see how a box with a 4 pixel #99C498 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C498; -webkit-box-shadow:4px 4px  
4px 4px #99C498; box-shadow:4px 4px 4px  
4px #99C498 }
```

# Background

The CSS property to change the background color of an element to Hex 99C498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C498 }
```

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

```
.background{ background-color:#99C498 }
```

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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