

# Converting Colors

Hex(99C596)

Have a look what the booklet for  
Hex(99C596) contains.

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**Color**

**Hex(99C596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99C596
RGB	153, 197, 150
RGB Percent	60%, 77%, 59%
CMY	0.4000, 0.2275, 0.4118
CMYK	0.22, 0.00, 0.24, 0.23
HSL	116°, 29%, 68%
HSV	116°, 24%, 77%
XYZ	38.6081, 48.9068, 36.2593
YIQ	178.4860, -11.1370, -23.9450

# Conversions

## Conversions Part 2

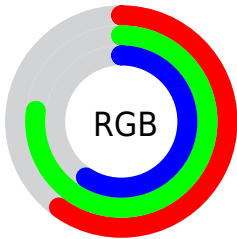
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 197, 194</a>
Decimal	<a href="#">10077590</a>
CIELab	<a href="#">75.39, -23.64, 18.95</a>
CIElCh	<a href="#">75, 30.296, 141.288</a>
Yxy	<a href="#">48.9068, 0.3119, 0.3951</a>
Android (android.graphics.Color)	<a href="#">4288267670 (0xFF99C596)</a>
YUV	<a href="#">178.4860, -14.0436, -22.3512</a>
Hunter-Lab	<a href="#">69.9334, -23.8390, 18.2126</a>

# Details

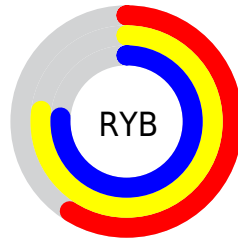
The Hex color **99C596** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C296C5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **D0FECC**, and **658F63** is the 20% darker color. If you saturate the color by 10%, you get **87C582**, and if you desaturate by 10%, it is **ABC5AA**.

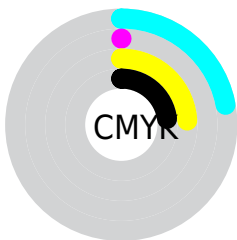
# Distribution



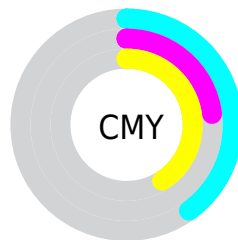
- Red (60%)
- Green (77%)
- Blue (59%)



- Red (59%)
- Yellow (77%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (24%)
- Black (23%)



- Cyan (40%)
- Magenta (23%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99C596 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 99C596 by changing the saturation by 10% instead.



 99C596

 99C596

FFFFFF

 7FAA7C

 D0FECC


 658F63

 EDFFE9

 4C754B

 345C34

 1C451E

 042E07

 001B00

 000000

 99C596

 99C596

 87C582

 ABC5AA

 74C56F

 BEC5BD

 62C55B

 D0C5D1

 4FC547

 E3C5E5

 3DC534

 F5C5F9

 2AC520

 FFC5FF

 18C50C

 0DC500

# Harmonies

## Analogous

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



B9BE85



99C596



7AC9B0

# Triad

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



99C596



8ABFF0



F2A6A7

# Complementary

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



99C596



C296C5

# 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.



ECA6C3



99C596



B3B5EE

# Square

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



99C596



6AC6E4



D6ACDD



EAAC8F

# Rectangle

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



99C596



69C9C4



D6ACDD



F2A5B0



# Sweetspot

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



99C596



EEFFED



C5C296



768075



000000



808080

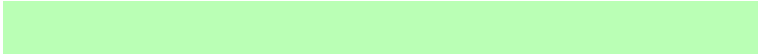


# Same Dimension

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



99C596



BAFFB5



96C5AA



5A635A



0AA300



022400



# Inverse Universe

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



C296C5



FAB5FF



C596B1



635A63



9900A3

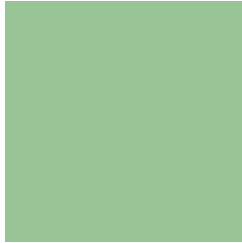


210024



# Previews

## White Background



This preview shows how the Hex color 99C596 looks on a white background.

## Color Contrast Check

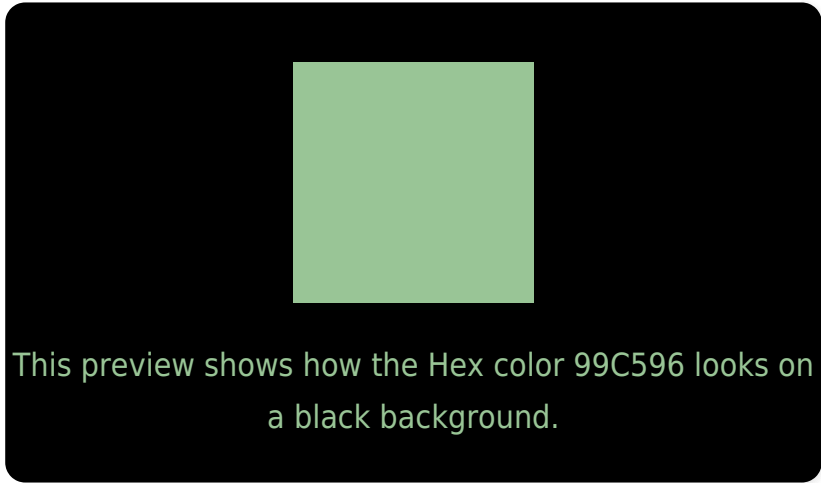
Large Text (above 18pt) WCAG AA × Fail

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

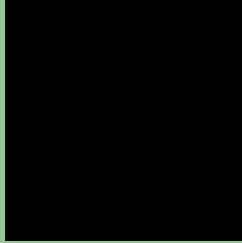
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 99C596 Background



This preview shows how black text looks on a background with the Hex color 99C596.



This preview shows how white text looks on a background with the Hex color 99C596.

# 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**  
99C596

**Protanomaly**  
B5BD92

**Deuteranomaly**  
C0B999

**Tritanomaly**  
9FC1B9

# Monochromacy



**Original Color**  
99C596

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
A9B9A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99C596 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 #99C596 looks like.

```
.text, #text, p{  
    color:#99C596  
}
```

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 #99C596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C596
}
```

## Border

The CSS property to change the border of an element to Hex 99C596 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
#99C596 }
```

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

```
.border{ border-color:#99C596 }
```

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

Here you see how a box with a 4 pixel #99C596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C596; -webkit-box-shadow:4px 4px  
4px 4px #99C596; box-shadow:4px 4px 4px  
4px #99C596 }
```

# Background

The CSS property to change the background color of an element to Hex 99C596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C596 }
```

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

```
.background{ background-color:#99C596 }
```

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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