

Converting Colors

Hex(99C299)

Have a look what the booklet for
Hex(99C299) contains.

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Color

Hex(99C299)

Conversions

Conversions Part 1

Format	Color
Hex	99C299
RGB	153, 194, 153
RGB Percent	60%, 76%, 60%
CMY	0.4000, 0.2392, 0.4000
CMYK	0.21, 0.00, 0.21, 0.24
HSL	120°, 25%, 68%
HSV	120°, 21%, 76%
XYZ	38.1784, 47.6558, 37.3233
YIQ	177.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

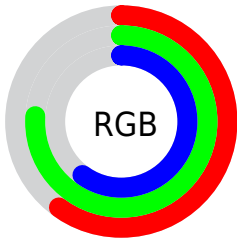
Format	Color
RYB	153, 194, 194
Decimal	10076825
CIELab	74.61, -21.63, 16.25
CIELCh	75, 27.054, 143.086
Yxy	47.6558, 0.3100, 0.3870
Android (android.graphics.Color)	4288266905 (0xFF99C299)
YUV	177.0670, -11.8650, -21.1068
Hunter-Lab	69.0332, -22.0896, 16.2677

Details

The Hex color **99C299** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C299C2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D0FBCF**, and **658C66** is the 20% darker color. If you saturate the color by 10%, you get **86C286**, and if you desaturate by 10%, it is **ACC2AC**.

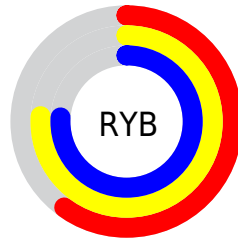
Distribution



Red (60%)

Green (76%)

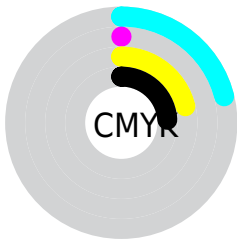
Blue (60%)



Red (60%)

Yellow (76%)

Blue (76%)

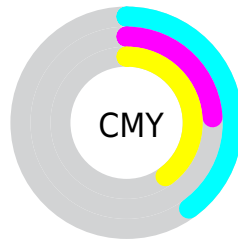


Cyan (21%)

Magenta (0%)

Yellow (21%)

Black (24%)



Cyan (40%)

Magenta (24%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99C299 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 99C299 by changing the saturation by 10% instead.

 99C299

 99C299

FFFFFF

 7FA77F

 D0FBCF

 658C66

 ECF FEC

 4C734E

 355A37

 1D4221

 062C0B

 001900

 000000

 99C299

 99C299

 86C286

 ACC2AC

 72C272

 C0C2C0

 5FC25F

 D3C2D3

 4BC24B

 E7C2E7

 38C238

 FAC2FA

 25C225

 FFC2FF

 11C211

 00C200

Harmonies

Analogous

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



B6BC89



99C299



7EC5B1

Triad

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



99C299



91BCE8



EAA6A5

Complementary

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



99C299



C299C2

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.



E5A6BE



99C299



B4B3E5

Square

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



99C299



75C2DF



D2ABD6



E2AC91

Rectangle

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



99C299



72C6C2



D2ABD6



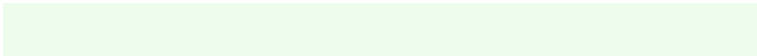
EAA6AD

Sweetspot

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



99C299



EDFCED



C2C299



778077



000000



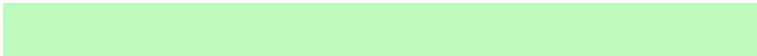
808080

Same Dimension

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



99C299



BDFCBD



99C2AE



576157



00A100



002100

Inverse Universe

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



C299C2



FCBDFC



C299AE



615761



A100A1



210021

Previews

White Background



This preview shows how the Hex color 99C299 looks on a white background.

Color Contrast Check

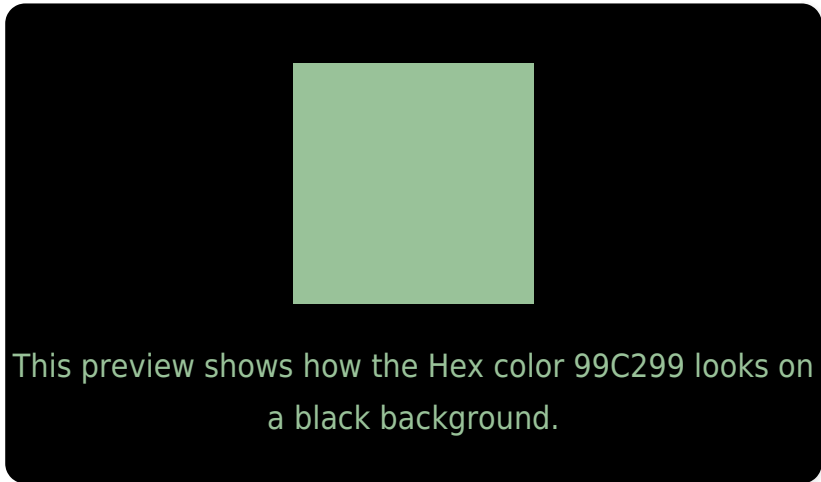
Large Text (above 18pt) WCAG AA × Fail

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

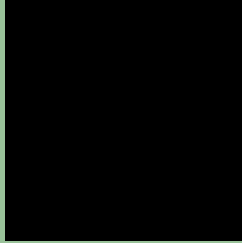
Any Text WCAG AA ✓ Pass

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 99C299 Background



This preview shows how black text looks on a background with the Hex color 99C299.

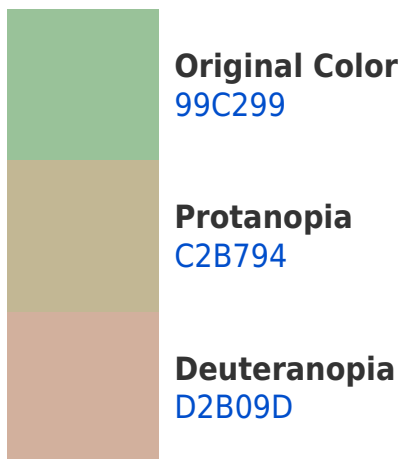


This preview shows how white text looks on a background with the Hex color 99C299.

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
99C299

Protanomaly
B3BB96

Deuteranomaly
BDB79C

Tritanomaly
9EBEB8

Monochromacy



Original Color
99C299

Achromatopsia
B1B1B1

Achromatomaly
A8B7A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 99C299 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 #99C299 looks like.

```
.text, #text, p{  
    color:#99C299  
}
```

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 #99C299 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99C299
}
```

Border

The CSS property to change the border of an element to Hex 99C299 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
#99C299 }
```

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

```
.border{ border-color:#99C299 }
```

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

Here you see how a box with a 4 pixel #99C299 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99C299; -webkit-box-shadow:4px 4px  
4px 4px #99C299; box-shadow:4px 4px 4px  
4px #99C299 }
```

Background

The CSS property to change the background color of an element to Hex 99C299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99C299 }
```

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

```
.background{ background-color:#99C299 }
```

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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