

Converting Colors

Hex(59D89B)

Have a look what the booklet for
Hex(59D89B) contains.

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Color

Hex(59D89B)

Conversions

Conversions Part 1

Format	Color
Hex	59D89B
RGB	89, 216, 155
RGB Percent	35%, 85%, 61%
CMY	0.6510, 0.1529, 0.3922
CMYK	0.59, 0.00, 0.28, 0.15
HSL	151°, 62%, 60%
HSV	151°, 59%, 85%
XYZ	34.5921, 53.6021, 39.5334
YIQ	171.0730, -56.1110, -45.8950

Conversions

Conversions Part 2

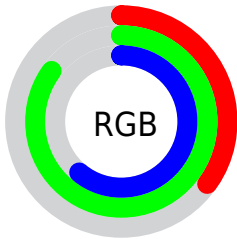
Format	Color
RYB	89, 173, 216
Decimal	5888155
CIELab	78.23, -49.18, 19.78
CIELCh	78, 53.006, 158.085
Yxy	53.6021, 0.2708, 0.4197
Android (android.graphics.Color)	4284078235 (0xFF59D89B)
YUV	171.0730, -7.9240, -71.9780
Hunter-Lab	73.2135, -43.7855, 19.2344

Details

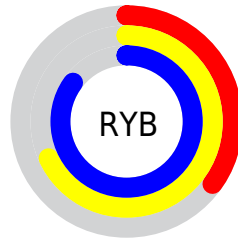
The Hex color **59D89B** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D85996**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **95FFD2**, and **02A068** is the 20% darker color. If you saturate the color by 10%, you get **43D891**, and if you desaturate by 10%, it is **6FD8A5**.

Distribution



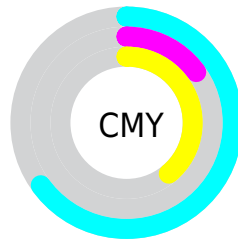
- Red (35%)
- Green (85%)
- Blue (61%)



- Red (35%)
- Yellow (68%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (28%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D89B 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 59D89B by changing the saturation by 10% instead.

 59D89B

 59D89B

FFFFFF

 38BC81

 95FFD2

 02A068

 B2FFEE

 00854F

 D0FFFF

 006B38

 EEEFFF

 005222

 00390C

 002300

 000000

 59D89B

 59D89B

 43D891

 6FD8A5

 2ED886

 84D8B0

 18D87C

 9AD8BA

 03D872

 AFD8C4

 00D870

 C5D8CF

 DBD8D9

 F0D8E4

 FFD8EE

 FFD8F8

Harmonies

Analogous

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



9ED071



59D89B



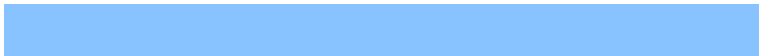
00DBCE

Triad

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



59D89B



88C2FF



FFA187

Complementary

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



59D89B



D85996

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.



FF98B6



59D89B



D7AFFF

Square

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



59D89B



00D0FF



FF9EE7



FDB266

Rectangle

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



59D89B



00DAEE



FF9EE7



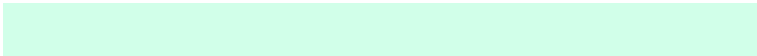
FF9D96

Sweetspot

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



59D89B



D1FFE9



96D859



638072



000000



808080

Same Dimension

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



59D89B



4AFFA8



59D6D8



606B66



00AB59



002B17

Inverse Universe

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



D85996



FF4AA1



D85B59



6B6066



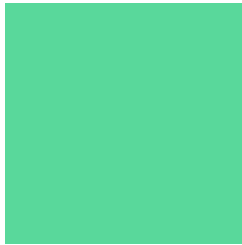
AB0052



2B0015

Previews

White Background



This preview shows how the Hex color 59D89B 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 59D89B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

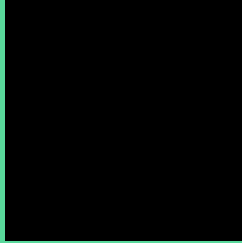
Any Text WCAG AA ✓ Pass

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 59D89B Background



This preview shows how black text looks on a background with the Hex color 59D89B.

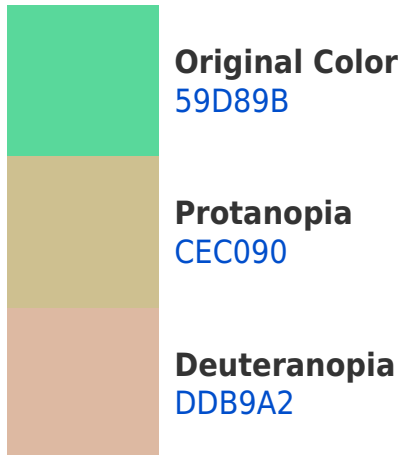


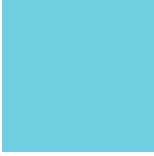
This preview shows how white text looks on a background with the Hex color 59D89B.

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
6FCFE0

Trichromacy



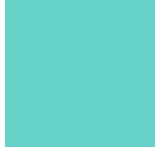
Original Color
59D89B



Protanomaly
A3C994



Deuteranomaly
ADC49F



Tritanomaly
67D2C7

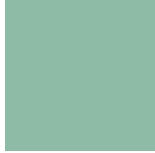
Monochromacy



Original Color
59D89B



Achromatopsia
ABABAB



Achromatomaly
8DBBA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D89B 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 #59D89B looks like.

```
.text, #text, p{  
    color:#59D89B  
}
```

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 #59D89B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D89B
}
```

Border

The CSS property to change the border of an element to Hex 59D89B 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
#59D89B }
```

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

```
.border{ border-color:#59D89B }
```

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

Here you see how a box with a 4 pixel #59D89B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D89B; -webkit-box-shadow:4px 4px  
4px 4px #59D89B; box-shadow:4px 4px 4px  
4px #59D89B }
```

Background

The CSS property to change the background color of an element to Hex 59D89B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D89B }
```

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

```
.background{ background-color:#59D89B }
```

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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