

Converting Colors

Hex(59C999)

Have a look what the booklet for
Hex(59C999) contains.

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Color

Hex(59C999)

Conversions

Conversions Part 1

Format	Color
Hex	59C999
RGB	89, 201, 153
RGB Percent	35%, 79%, 60%
CMY	0.6510, 0.2118, 0.4000
CMYK	0.56, 0.00, 0.24, 0.21
HSL	154°, 51%, 57%
HSV	154°, 56%, 79%
XYZ	30.7562, 46.1970, 37.4329
YIQ	162.0400, -51.3440, -38.6720

Conversions

Conversions Part 2

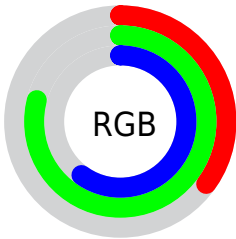
Format	Color
RYB	89, 160, 201
Decimal	5884313
CIELab	73.67, -43.25, 14.50
CIELCh	74, 45.619, 161.465
Yxy	46.1970, 0.2689, 0.4039
Android (android.graphics.Color)	4284074393 (0xFF59C999)
YUV	162.0400, -4.4567, -64.0561
Hunter-Lab	67.9684, -38.1721, 14.9245

Details

The Hex color **59C999** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C95989**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **93FFCF**, and **119266** is the 20% darker color. If you saturate the color by 10%, you get **45C990**, and if you desaturate by 10%, it is **6DC9A2**.

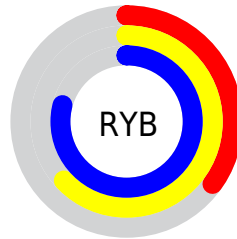
Distribution



Red (35%)

Green (79%)

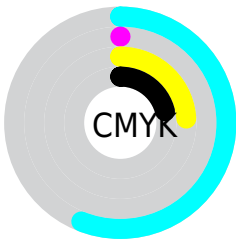
Blue (60%)



Red (35%)

Yellow (63%)

Blue (79%)

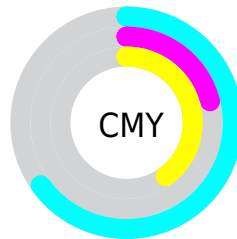


Cyan (56%)

Magenta (0%)

Yellow (24%)

Black (21%)



Cyan (65%)

Magenta (21%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59C999 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 59C999 by changing the saturation by 10% instead.

 59C999

 59C999

FFFFFF

 3AAD7F

 93FFCF

 119266

 B0FFEC

 00784E

 CDFFFF

 005E37

 EBFFFF

 004621

 002F0B

 001500

 000000

 59C999

 59C999

 45C990

 6DC9A2

 31C988

 81C9AA

 1DC97F

 95C9B3

 09C977

 A9C9BB

 00C973

 BEC9C4

 D2C9CD

 E6C9D5

 FAC9DE

 FFC9E7

Harmonies

Analogous

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



92C374



59C999



00CBC4

Triad

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



59C999



90B4FF



FE9B80

Complementary

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



59C999



C95989

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.



FF93A6



59C999



CEA4F4

Square

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



59C999



33C1FF



F697D1



E5A966

Rectangle

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



59C999



00CADF



F697D1



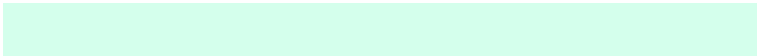
FF988C

Sweetspot

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



59C999



D4FFEC



8AC959



668075



000000



808080

Same Dimension

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



59C999



54FFB6



59C2C9



5A635F



00A35D



002414

Inverse Universe

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



C95989



FF549D



C96059



635A5E



A30046



24000F

Previews

White Background



This preview shows how the Hex color 59C999 looks on a white background.

Color Contrast Check

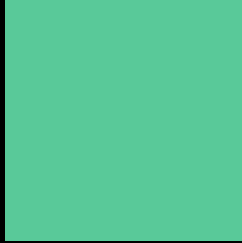
Large Text (above 18pt) WCAG AA × Fail

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 59C999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

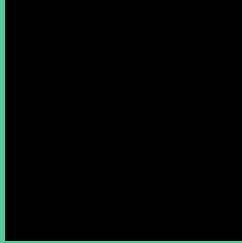
Any Text WCAG AA ✓ Pass

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 59C999 Background



This preview shows how black text looks on a background with the Hex color 59C999.

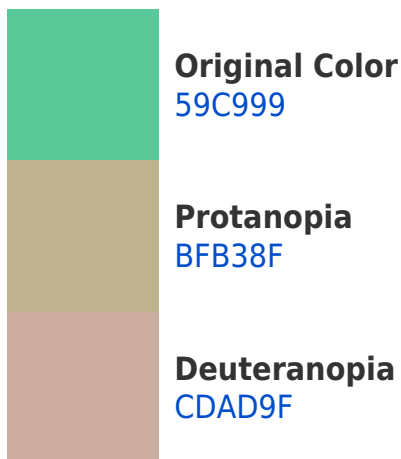


This preview shows how white text looks on a background with the Hex color 59C999.

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



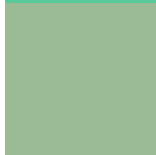


Tritanopia
6AC2D1

Trichromacy



Original Color
59C999



Protanomaly
9ABB93



Deuteranomaly
A3B79D

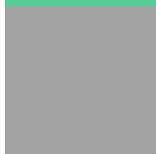


Tritanomaly
64C5BD

Monochromacy



Original Color
59C999



Achromatopsia
A2A2A2



Achromatomaly
87B09F

CSS Examples

Text

The CSS property to change the color of the text to Hex 59C999 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 #59C999 looks like.

```
.text, #text, p{  
    color:#59C999  
}
```

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 #59C999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C999
}
```

Border

The CSS property to change the border of an element to Hex 59C999 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
#59C999 }
```

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

```
.border{ border-color:#59C999 }
```

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

Here you see how a box with a 4 pixel #59C999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C999; -webkit-box-shadow:4px 4px  
4px 4px #59C999; box-shadow:4px 4px 4px  
4px #59C999 }
```

Background

The CSS property to change the background color of an element to Hex 59C999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C999 }
```

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

```
.background{ background-color:#59C999 }
```

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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