

Converting Colors

Hex(59CDA1)

Have a look what the booklet for
Hex(59CDA1) contains.

Hex(59CDA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(59CDA1)

Conversions

Conversions Part 1

Format	Color
Hex	59CDA1
RGB	89, 205, 161
RGB Percent	35%, 80%, 63%
CMY	0.6510, 0.1961, 0.3686
CMYK	0.57, 0.00, 0.21, 0.20
HSL	157°, 54%, 58%
HSV	157°, 57%, 80%
XYZ	32.3842, 48.3597, 41.3457
YIQ	165.3000, -55.0120, -38.2760

Conversions

Conversions Part 2

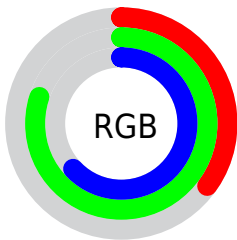
Format	Color
RYB	89, 161, 205
Decimal	5885345
CIELab	75.05, -43.24, 12.16
CIELCh	75, 44.917, 164.297
Yxy	48.3597, 0.2652, 0.3961
Android (android.graphics.Color)	4284075425 (0xFF59CDA1)
YUV	165.3000, -2.1199, -66.9151
Hunter-Lab	69.5411, -38.5725, 13.4279

Details

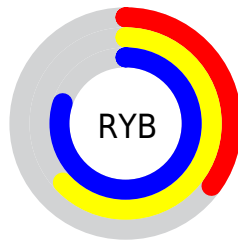
The Hex color **59CDA1** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CD5985**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **94FFD8**, and **0D966D** is the 20% darker color. If you saturate the color by 10%, you get **45CD99**, and if you desaturate by 10%, it is **6ECDA9**.

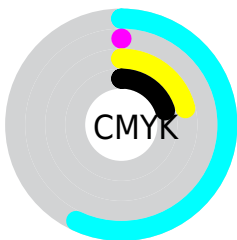
Distribution



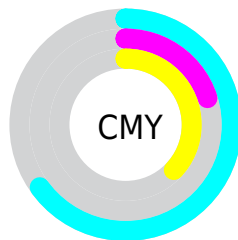
- Red (35%)
- Green (80%)
- Blue (63%)



- Red (35%)
- Yellow (63%)
- Blue (80%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (65%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59CDA1 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 59CDA1 by changing the saturation by 10% instead.

 59CDA1

 59CDA1

FFFFFF

 39B187

 94FFD8

 0D966D

 B1FFF4

 007B55

 CEFFFF

 00623E

 ECFFFF

 004928

 003113

 001A00

 000000

 59CDA1

 59CDA1

 45CD99

 6ECDA9

 30CD91

 82CDB1

 1BCD8A

 97CDB8

 07CD82

 ABCDC0

 00CD7F

 C0CDC8

 D4CDD0

 E9CDD7

 FDCDDF

 FFCDE7

Harmonies

Analogous

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



91C77C



59CDA1



00CFCC

Triad

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



59CDA1



9BB6FF



FFA181

Complementary

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



59CDA1



CD5985

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.



FF98A6



59CDA1



D6A7F4

Square

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



59CDA1



49C3FF



FB9AD0



E6AF69

Rectangle

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



59CDA1



00CDE6



FB9AD0



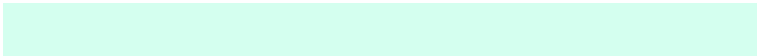
FF9D8C

Sweetspot

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



59CDA1



D4FFEF



85CD59



668076



000000



808080

Same Dimension

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



59CDA1



52FFBD



59BFCD



5C6662



00A667



002618

Inverse Universe

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



CD5985



FF5293



CD6759



665C60



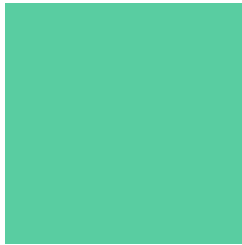
A6003F



26000F

Previews

White Background



This preview shows how the Hex color 59CDA1 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 59CDA1 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 59CDA1 Background



This preview shows how black text looks on a background with the Hex color 59CDA1.

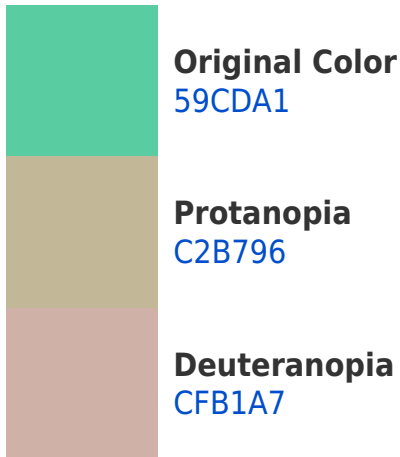


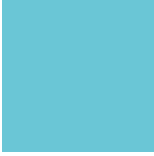
This preview shows how white text looks on a background with the Hex color 59CDA1.

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
6AC6D6

Trichromacy



Original Color
59CDA1



Protanomaly
9CBF9A



Deuteranomaly
A4BBA5



Tritanomaly
64C9C3

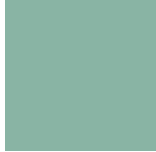
Monochromacy



Original Color
59CDA1



Achromatopsia
A5A5A5



Achromatomaly
89B4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 59CDA1 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 #59CDA1 looks like.

```
.text, #text, p{  
    color:#59CDA1  
}
```

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 #59CDA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59CDA1  
}
```

Border

The CSS property to change the border of an element to Hex 59CDA1 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  
#59CDA1 }
```

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

```
.border{ border-color:#59CDA1 }
```

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

Here you see how a box with a 4 pixel #59CDA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59CDA1; -webkit-box-shadow:4px 4px  
4px 4px #59CDA1; box-shadow:4px 4px 4px  
4px #59CDA1 }
```

Background

The CSS property to change the background color of an element to Hex 59CDA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59CDA1 }
```

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

```
.background{ background-color:#59CDA1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor