

Converting Colors

Hex(5DC59A)

Have a look what the booklet for
Hex(5DC59A) contains.

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Color

Hex(5DC59A)

Conversions

Conversions Part 1

Format	Color
Hex	5DC59A
RGB	93, 197, 154
RGB Percent	36%, 77%, 60%
CMY	0.6353, 0.2275, 0.3961
CMYK	0.53, 0.00, 0.22, 0.23
HSL	155°, 47%, 57%
HSV	155°, 53%, 77%
XYZ	30.3132, 44.5928, 37.5814
YIQ	161.0020, -48.1810, -35.4210

Conversions

Conversions Part 2

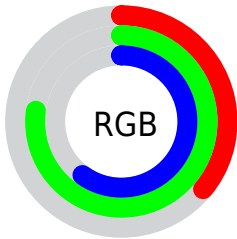
Format	Color
RYB	93, 159, 197
Decimal	6145434
CIELab	72.62, -40.38, 12.51
CIELCh	73, 42.274, 162.793
Yxy	44.5928, 0.2695, 0.3964
Android (android.graphics.Color)	4284335514 (0xFF5DC59A)
YUV	161.0020, -3.4520, -59.6378
Hunter-Lab	66.7778, -35.8327, 13.3770

Details

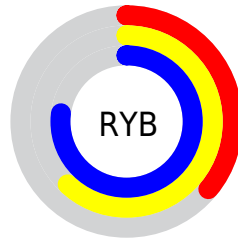
The Hex color **5DC59A** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C55D88**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **96FED0**, and **1C8E67** is the 20% darker color. If you saturate the color by 10%, you get **49C592**, and if you desaturate by 10%, it is **71C5A2**.

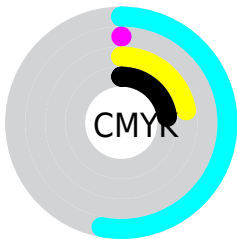
Distribution



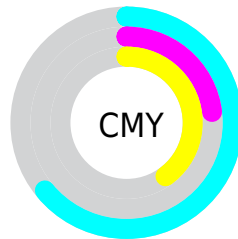
- Red (36%)
- Green (77%)
- Blue (60%)



- Red (36%)
- Yellow (62%)
- Blue (77%)



- Cyan (53%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (64%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5DC59A 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 5DC59A by changing the saturation by 10% instead.

 5DC59A

 5DC59A

FFFFFF

 3FA980

 96FED0

 1C8E67

 B3FFED

 00744F

 D0FFFF

 005B38

 EDFFFF

 004322

 002C0D

 001100

 000000

 5DC59A

 5DC59A

■ 49C592

■ 71C5A2

■ 36C58A

■ 84C5AA

■ 22C582

■ 98C5B2

■ 0EC579

■ ACC5BB

■ 00C574

■ C0C5C3

■ D3C5CB

■ E7C5D3

■ FBC5DB

■ FFC5E3

Harmonies

Analogous

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



90BF78



5DC59A



01C7C2

Triad

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



5DC59A



94B0FD



F69B7F

Complementary

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



5DC59A



C55D88

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.



FD94A3



5DC59A



CBA2EB

Square

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



5DC59A



4ABCFB



EF96CA



DEA868

Rectangle

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



5DC59A



00C5DB



EF96CA



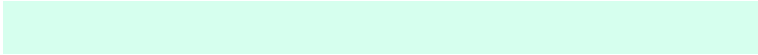
FA988A

Sweetspot

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



5DC59A



D6FFEE



88C55D



678075



000000



808080

Same Dimension

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



5DC59A



5EFFBD



5DBCC5



5A635F



00A360



002415

Inverse Universe

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



C55D88



FF5EA1



C5665D



635A5E



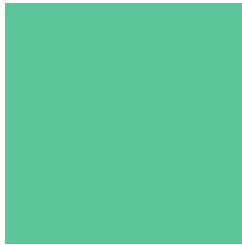
A30043



24000F

Previews

White Background



This preview shows how the Hex color 5DC59A 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

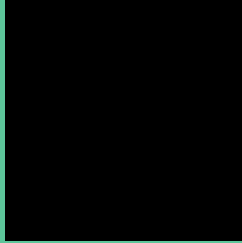
Any Text WCAG AA ✓ Pass

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 5DC59A Background



This preview shows how black text looks on a background with the Hex color 5DC59A.

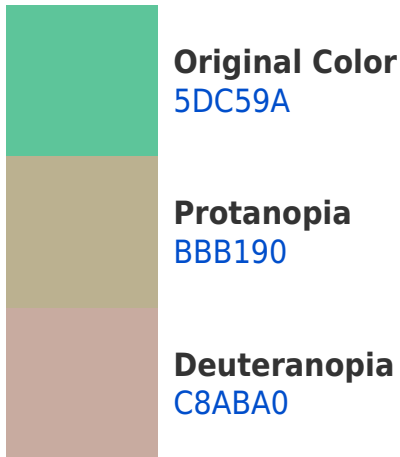


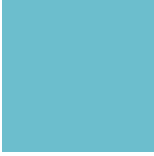
This preview shows how white text looks on a background with the Hex color 5DC59A.

Color Blindness Simulation

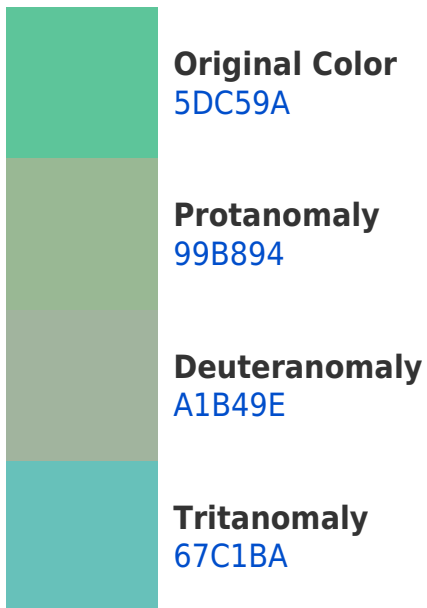
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

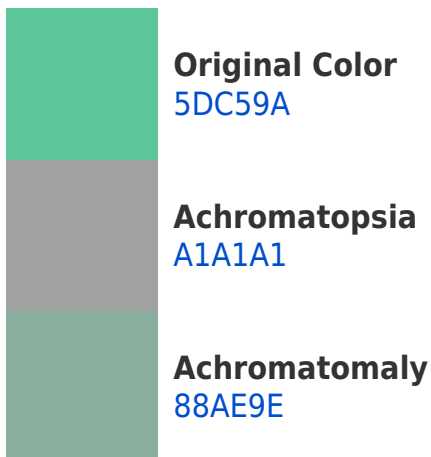




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5DC59A 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 #5DC59A looks like.

```
.text, #text, p{  
    color:#5DC59A  
}
```

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 #5DC59A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DC59A
}
```

Border

The CSS property to change the border of an element to Hex 5DC59A 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
#5DC59A }
```

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

```
.border{ border-color:#5DC59A }
```

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

Here you see how a box with a 4 pixel #5DC59A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DC59A; -webkit-box-shadow:4px 4px  
4px 4px #5DC59A; box-shadow:4px 4px 4px  
4px #5DC59A }
```

Background

The CSS property to change the background color of an element to Hex 5DC59A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DC59A }
```

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

```
.background{ background-color:#5DC59A }
```

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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