

# Converting Colors

Hex(59DCA4)

Have a look what the booklet for  
Hex(59DCA4) contains.

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**Color**

**Hex(59DCA4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 59DCA4                       |
| RGB         | 89, 220, 164                 |
| RGB Percent | 35%, 86%, 64%                |
| CMY         | 0.6510, 0.1373, 0.3569       |
| CMYK        | 0.60, 0.00, 0.25, 0.14       |
| HSL         | 154°, 65%, 61%               |
| HSV         | 154°, 60%, 86%               |
| XYZ         | 36.4139, 55.9906, 44.0100    |
| YIQ         | 174.4470, -60.1000, -45.1880 |

# Conversions

## Conversions Part 2

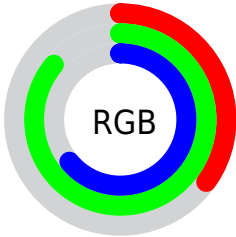
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 89, 172, 220                   |
| Decimal                             | 5889188                        |
| CIELab                              | 79.61, -48.96, 16.97           |
| CIELCh                              | 80, 51.818, 160.886            |
| Yxy                                 | 55.9906, 0.2669,<br>0.4104     |
| Android<br>(android.graphics.Color) | 4284079268<br>(0xFF59DCA4)     |
| YUV                                 | 174.4470, -5.1504,<br>-74.9370 |
| Hunter-Lab                          | 74.8269, -44.0815,<br>17.5069  |

# Details

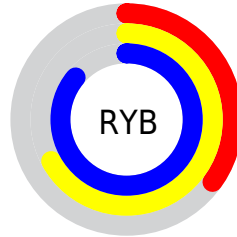
The Hex color **59DCA4** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **DC5991**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **95FFDB**, and **00A470** is the 20% darker color. If you saturate the color by 10%, you get **43DC9B**, and if you desaturate by 10%, it is **6FDCAD**.

# Distribution



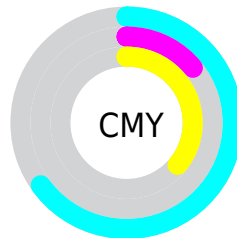
- Red (35%)
- Green (86%)
- Blue (64%)



- Red (35%)
- Yellow (67%)
- Blue (86%)



- Cyan (60%)
- Magenta (0%)
- Yellow (25%)
- Black (14%)



- Cyan (65%)
- Magenta (14%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59DCA4 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 59DCA4 by changing the saturation by 10% instead.



 59DCA4

 59DCA4

FFFFFF

 37C08A

 95FFDB

 00A470

 B3FFF8

 008957

 D1FFFF

 006F40

 EFFFFFF

 00552A

 003D14

 002700

 000000

 59DCA4

 59DCA4

 43DC9B

 6FDCAD

 2DDC91

 85DCB7

 17DC88

 9BDCC0

 01DC7E

 B1DCCA

 00DC7E

 C7DCD3

 DDDCDC

 F3DCE6

 FFDCEF

 FFD CF9

# Harmonies

## Analogous

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



9DD57A



59DCA4



00DED6

# Triad

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



59DCA4



97C4FF



FFA788

# Complementary

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



59DCA4



DC5991

# 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.



FF9EB5



59DCA4



E1B2FF

# Square

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



59DCA4



00D3FF



FFA2E6



FDB86A

# Rectangle

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



59DCA4



00DDF5



FFA2E6



FFA396

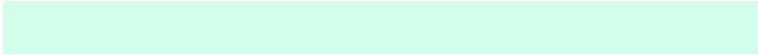


# Sweetspot

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



59DCA4



D1FFEB



92DC59



638074



000000



808080



# Same Dimension

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



59DCA4



4AFFB2



59D3DC



636E69



00AD63



002E1A



# Inverse Universe

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



DC5991



FF4A97



DC6259



6E6367



AD004A

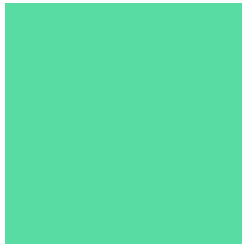


2E0014



# Previews

## White Background



This preview shows how the Hex color 59DCA4 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 59DCA4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

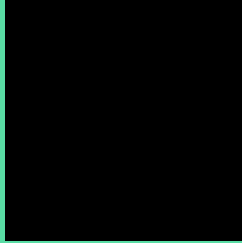
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

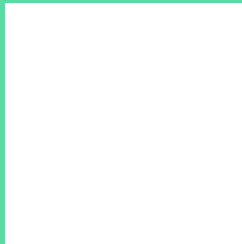
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59DCA4 Background



This preview shows how black text looks on a background with the Hex color 59DCA4.

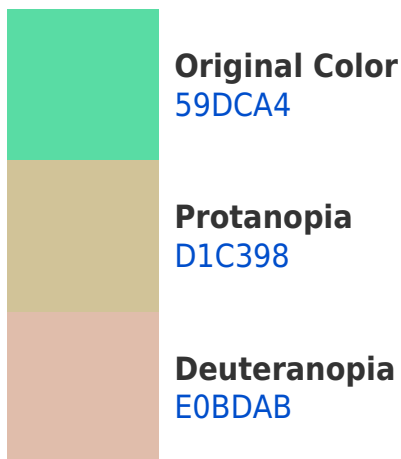


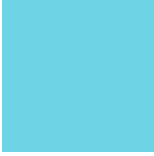
This preview shows how white text looks on a background with the Hex color 59DCA4.

# 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](#).

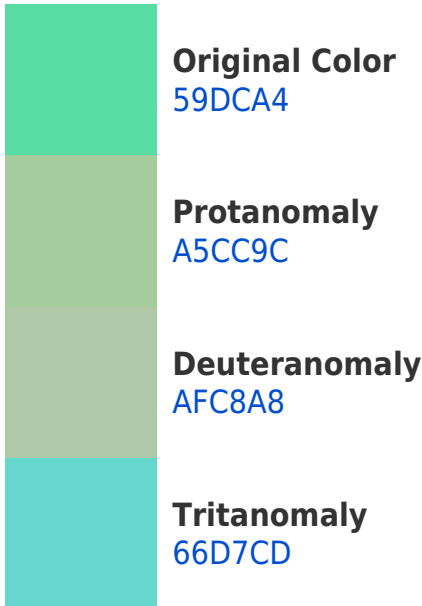
## Dichromacy



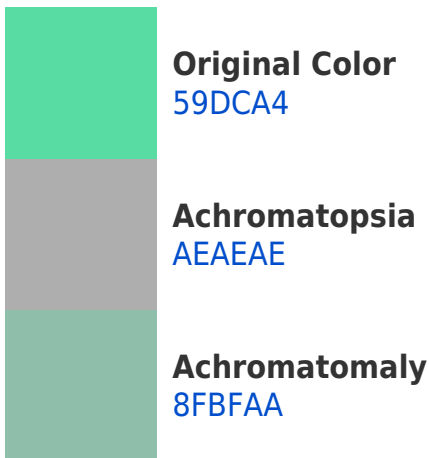


**Tritanopia**  
6ED4E5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59DCA4 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 #59DCA4 looks like.

```
.text, #text, p{  
    color:#59DCA4  
}
```

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 #59DCA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DCA4
}
```

## Border

The CSS property to change the border of an element to Hex 59DCA4 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
#59DCA4 }
```

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

```
.border{ border-color:#59DCA4 }
```

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

Here you see how a box with a 4 pixel #59DCA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DCA4; -webkit-box-shadow:4px 4px  
4px 4px #59DCA4; box-shadow:4px 4px 4px  
4px #59DCA4 }
```

# Background

The CSS property to change the background color of an element to Hex 59DCA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DCA4 }
```

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

```
.background{ background-color:#59DCA4 }
```

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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