

# Converting Colors

Hex(59D9A1)

Have a look what the booklet for  
Hex(59D9A1) contains.

<b>Hex(59D9A1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(59D9A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59D9A1
RGB	89, 217, 161
RGB Percent	35%, 85%, 63%
CMY	0.6510, 0.1490, 0.3686
CMYK	0.59, 0.00, 0.26, 0.15
HSL	154°, 63%, 60%
HSV	154°, 59%, 85%
XYZ	35.3657, 54.3228, 42.3396
YIQ	172.3440, -58.3120, -44.5520

# Conversions

## Conversions Part 2

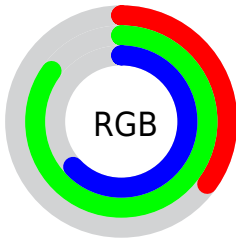
Format	Color
<a href="#">RYB</a>	<a href="#">89, 171, 217</a>
Decimal	<a href="#">5888417</a>
CIELab	<a href="#">78.65, -48.35, 17.21</a>
CIELCh	<a href="#">79, 51.318, 160.406</a>
Yxy	<a href="#">54.3228, 0.2679, 0.4114</a>
Android (android.graphics.Color)	<a href="#">4284078497 (0xFF59D9A1)</a>
YUV	<a href="#">172.3440, -5.5926, -73.0927</a>
Hunter-Lab	<a href="#">73.7040, -43.3315, 17.5334</a>

# Details

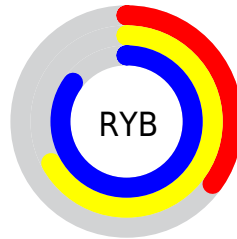
The Hex color **59D9A1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D95991**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **95FFD8**, and **00A16D** is the 20% darker color. If you saturate the color by 10%, you get **43D998**, and if you desaturate by 10%, it is **6FD9AA**.

# Distribution



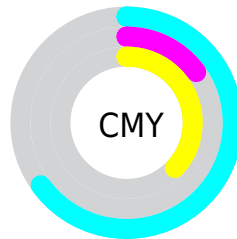
- Red (35%)
- Green (85%)
- Blue (63%)



- Red (35%)
- Yellow (67%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59D9A1 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 59D9A1 by changing the saturation by 10% instead.



 59D9A1

 59D9A1

FFFFFF

 38BD87

 95FFD8

 00A16D

 B3FFF4

 008655

 D0FFFF

 006C3D

 EEEFFF

 005327

 003A12

 002400

 000000

 59D9A1

 59D9A1

 43D998

 6FD9AA

 2ED98E

 84D9B4

 18D985

 9AD9BD

 02D97B

 B0D9C7

 00D97A

 C6D9D0

 DBD9DA

 F1D9E3

 FFD9ED

 FFD9F6

# Harmonies

## Analogous

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



9CD278



59D9A1



00DBD2

# Triad

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



59D9A1



93C2FF



FFA487

# Complementary

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



59D9A1



D95991

# 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.



FF9BB4



59D9A1



DDB0FF

# Square

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



59D9A1



00D0FF



FFA0E4



FAB568

# Rectangle

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



59D9A1



00DAF1



FFA0E4



FFA095

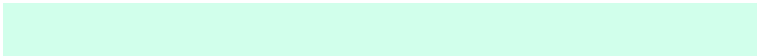


# Sweetspot

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



59D9A1



D1FFEB



93D959



638073



000000



808080



# Same Dimension

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



59D9A1



4AFFB0



59D3D9



636E69



00AD62



002E1A



# Inverse Universe

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



D95991



FF4A99



D95F59



6E6367



AD004C

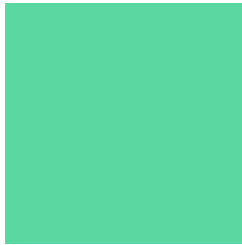


2E0014



# Previews

## White Background



This preview shows how the Hex color 59D9A1 looks on a white background.

## Color Contrast Check

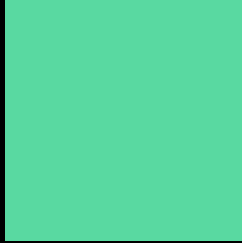
Large Text (above 18pt) WCAG AA × Fail

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 59D9A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

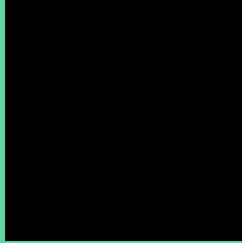
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59D9A1 Background



This preview shows how black text looks on a background with the Hex color 59D9A1.

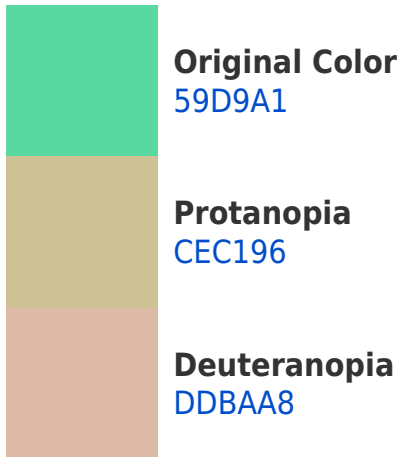


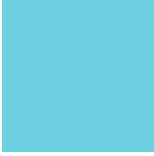
This preview shows how white text looks on a background with the Hex color 59D9A1.

# 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**  
6ED1E1

# Trichromacy



**Original Color**  
59D9A1



**Protanomaly**  
A3CA9A



**Deuteranomaly**  
ADC5A5



**Tritanomaly**  
66D4CA

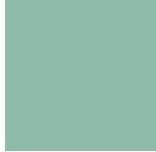
# Monochromacy



**Original Color**  
59D9A1



**Achromatopsia**  
ACACAC



**Achromatomaly**  
8EBCA8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59D9A1 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 #59D9A1 looks like.

```
.text, #text, p{  
    color:#59D9A1  
}
```

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 #59D9A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D9A1
}
```

## Border

The CSS property to change the border of an element to Hex 59D9A1 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
#59D9A1 }
```

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

```
.border{ border-color:#59D9A1 }
```

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

Here you see how a box with a 4 pixel #59D9A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D9A1; -webkit-box-shadow:4px 4px  
4px 4px #59D9A1; box-shadow:4px 4px 4px  
4px #59D9A1 }
```

# Background

The CSS property to change the background color of an element to Hex 59D9A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D9A1 }
```

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

```
.background{ background-color:#59D9A1 }
```

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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