

Converting Colors

Hex(59D1AE)

Have a look what the booklet for
Hex(59D1AE) contains.

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Color

Hex(59D1AE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59D1AE |
| RGB | 89, 209, 174 |
| RGB Percent | 35%, 82%, 68% |
| CMY | 0.6510, 0.1804, 0.3176 |
| CMYK | 0.57, 0.00, 0.17, 0.18 |
| HSL | 162°, 57%, 58% |
| HSV | 162°, 57%, 82% |
| XYZ | 34.5603, 50.7808, 48.0246 |
| YIQ | 169.1300, -60.2850, -36.3250 |

Conversions

Conversions Part 2

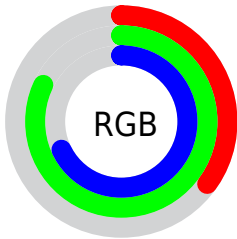
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 89, 159, 209 |
| Decimal | 5886382 |
| CIELab | 76.55, -42.03, 7.32 |
| CIElCh | 77, 42.663, 170.119 |
| Yxy | 50.7808, 0.2591, 0.3808 |
| Android (android.graphics.Color) | 4284076462 (0xFF59D1AE) |
| YUV | 169.1300, 2.4009, -70.2740 |
| Hunter-Lab | 71.2606, -38.1364, 9.9252 |

Details

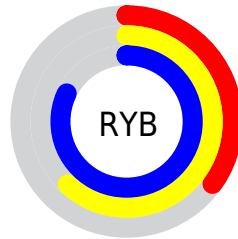
The Hex color **59D1AE** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D1597C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **94FFE5**, and **069A7A** is the 20% darker color. If you saturate the color by 10%, you get **44D1A8**, and if you desaturate by 10%, it is **6ED1B4**.

Distribution



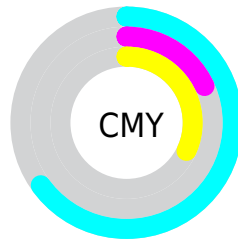
- Red (35%)
- Green (82%)
- Blue (68%)



- Red (35%)
- Yellow (62%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D1AE 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 59D1AE by changing the saturation by 10% instead.

 59D1AE

 59D1AE

FFFFFF

 39B593

 94FFE5

 069A7A

 B2FFFF

 007F61

 CFFFFFF

 006549

 EDFFFF

 004D33

 00351D

 001F05

 000000

 59D1AE

 59D1AE

 44D1A8

 6ED1B4

 2FD1A2

 83D1BA

 1AD19C

 98D1C0

 05D196

 ADD1C6

 00D194

 C2D1CC

 D6D1D3

 EBD1D9

 FFD1DF

 FFD1E5

Harmonies

Analogous

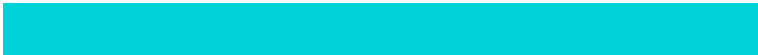
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8ECC89



59D1AE



00D2D7

Triad

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



59D1AE



AEB7FF



FEA882

Complementary

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



59D1AE



D1597C

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.



FF9FA4



59D1AE



E2A9F0

Square

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



59D1AE



6AC5FF



FF9FCC



E2B66F

Rectangle

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



59D1AE



00D0EE



FF9FCC



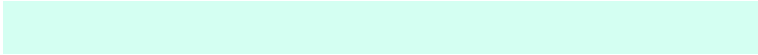
FFA48C

Sweetspot

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



59D1AE



D4FFF2



7DD159



668078



000000



808080

Same Dimension

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



59D1AE



4FFFCC



59B9D1



5E6966



00A877



00291D

Inverse Universe

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



D1597C



FF4F82



D17159



695E61



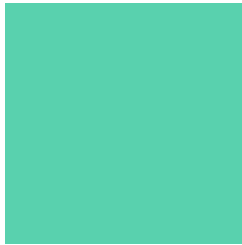
A80031



29000C

Previews

White Background



This preview shows how the Hex color 59D1AE looks on a white background.

Color Contrast Check

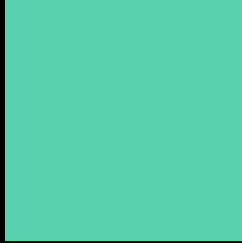
Large Text (above 18pt) WCAG AA × Fail

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 59D1AE 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

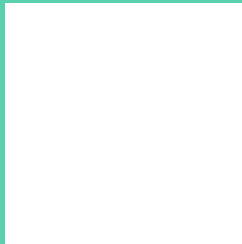
Any Text WCAG AAA ✓ Pass

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

Hex 59D1AE Background



This preview shows how black text looks on a background with the Hex color 59D1AE.

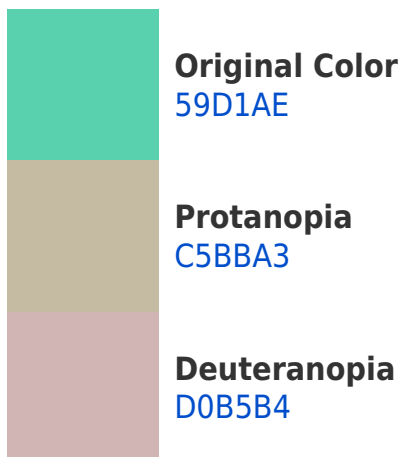


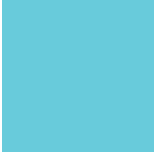
This preview shows how white text looks on a background with the Hex color 59D1AE.

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
68CBDB

Trichromacy



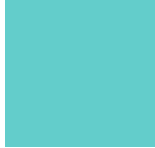
Original Color
59D1AE



Protanomaly
9EC3A7



Deuteranomaly
A5BFB2



Tritanomaly
63CDCB

Monochromacy



Original Color
59D1AE



Achromatopsia
A9A9A9



Achromatomaly
8CB8AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 59D1AE 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 #59D1AE looks like.

```
.text, #text, p{  
    color:#59D1AE  
}
```

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 #59D1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D1AE
}
```

Border

The CSS property to change the border of an element to Hex 59D1AE 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
#59D1AE }
```

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

```
.border{ border-color:#59D1AE }
```

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

Here you see how a box with a 4 pixel #59D1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D1AE; -webkit-box-shadow:4px 4px  
4px 4px #59D1AE; box-shadow:4px 4px 4px  
4px #59D1AE }
```

Background

The CSS property to change the background color of an element to Hex 59D1AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D1AE }
```

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

```
.background{ background-color:#59D1AE }
```

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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