

Converting Colors

Hex(59DAD0)

Have a look what the booklet for
Hex(59DAD0) contains.

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Color

Hex(59DAD0)

Conversions

Conversions Part 1

Format	Color
Hex	59DAD0
RGB	89, 218, 208
RGB Percent	35%, 85%, 82%
CMY	0.6510, 0.1451, 0.1843
CMYK	0.59, 0.00, 0.05, 0.15
HSL	175°, 64%, 60%
HSV	175°, 59%, 85%
XYZ	40.5764, 56.8207, 68.5034
YIQ	178.2890, -73.6740, -30.4580

Conversions

Conversions Part 2

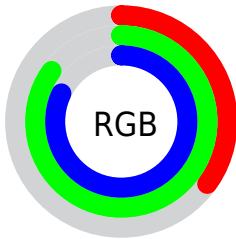
Format	Color
RYB	89, 156, 218
Decimal	5888720
CIELab	80.08, -37.65, -5.72
CIElCh	80, 38.079, 188.643
Yxy	56.8207, 0.2446, 0.3425
Android (android.graphics.Color)	4284078800 (0xFF59DAD0)
YUV	178.2890, 14.6475, -78.3065
Hunter-Lab	75.3795, -35.8286, -1.1159

Details

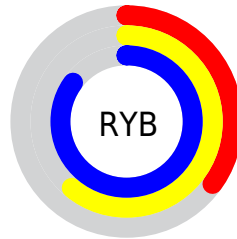
The Hex color **59DAD0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DA5963**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **97FFFF**, and **00A29A** is the 20% darker color. If you saturate the color by 10%, you get **43DACE**, and if you desaturate by 10%, it is **6FDAD2**.

Distribution



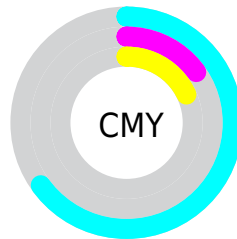
- Red (35%)
- Green (85%)
- Blue (82%)



- Red (35%)
- Yellow (61%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59DAD0 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 59DAD0 by changing the saturation by 10% instead.

 59DAD0

 59DAD0

FFFFFF

 36BEB4

 97FFFF

 00A29A

 B5FFFF

 008880

 D3FFFF

 006E67

 F1FFFF

 00554F

 003D38

 002723

 00010E

 000000

 59DAD0

 59DAD0

 43DACE

 6FDAD2

 2DDACD

 85DAD3

 18DACB

 9ADAD5

 02DAC9

 B0DAD7

 00DAC9

 C6DAD8

 DCDADA

 F2DADC

 FFDAD E

 FFDAD F

Harmonies

Analogous

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



83D8AC



59DAD0



48D8F2

Triad

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



59DAD0



D8BAFE



F4BC85

Complementary

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



59DAD0



DA5963

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.



FFB19C



59DAD0



FCAFE1

Square

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



59DAD0



A6C7FF



FFABBD



D5C880

Rectangle

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



59DAD0



5DD4FF



FFABBD



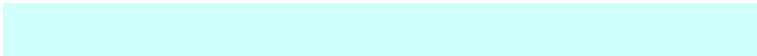
FDB88B

Sweetspot

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



59DAD0



D1FFFB



64DA59



63807D



000000



808080

Same Dimension

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



59DAD0



4AFFF1



59A4DA



636E6D



00ADA0



002E2A

Inverse Universe

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



DA5963



FF4A58



DA8F59



6E6364



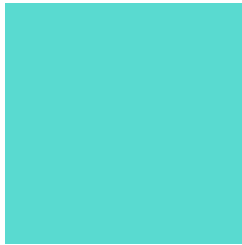
AD000D



2E0004

Previews

White Background



This preview shows how the Hex color 59DAD0 looks on a white background.

Color Contrast Check

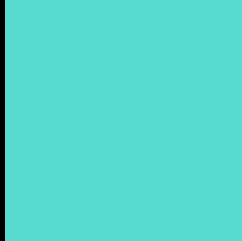
Large Text (above 18pt) WCAG AA × Fail

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 59DAD0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

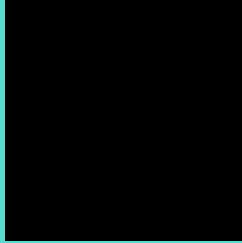
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

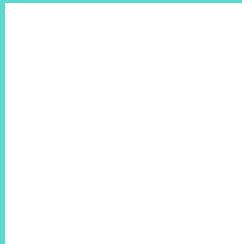
Any Text WCAG AAA ✓ Pass

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

Hex 59DAD0 Background



This preview shows how black text looks on a background with the Hex color 59DAD0.

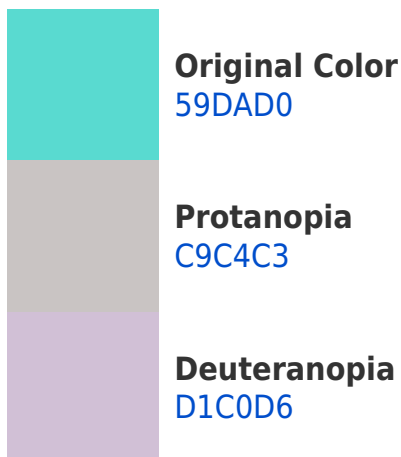


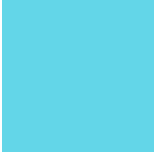
This preview shows how white text looks on a background with the Hex color 59DAD0.

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](#).

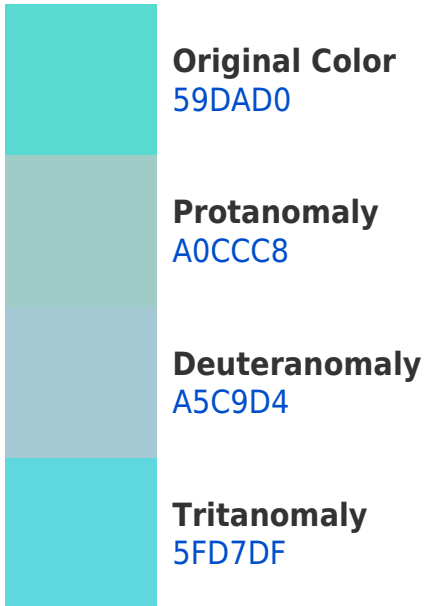
Dichromacy



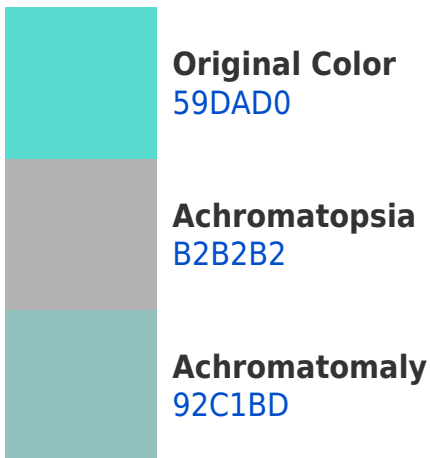


Tritanopia
63D6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59DAD0 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 #59DAD0 looks like.

```
.text, #text, p{  
    color:#59DAD0  
}
```

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 #59DAD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59DAD0
}
```

Border

The CSS property to change the border of an element to Hex 59DAD0 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
#59DAD0 }
```

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

```
.border{ border-color:#59DAD0 }
```

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

Here you see how a box with a 4 pixel #59DAD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59DAD0; -webkit-box-shadow:4px 4px  
4px 4px #59DAD0; box-shadow:4px 4px 4px  
4px #59DAD0 }
```

Background

The CSS property to change the background color of an element to Hex 59DAD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59DAD0 }
```

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

```
.background{ background-color:#59DAD0 }
```

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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