

Converting Colors

Hex(59D3C7)

Have a look what the booklet for
Hex(59D3C7) contains.

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Color

Hex(59D3C7)

Conversions

Conversions Part 1

Format	Color
Hex	59D3C7
RGB	89, 211, 199
RGB Percent	35%, 83%, 78%
CMY	0.6510, 0.1725, 0.2196
CMYK	0.58, 0.00, 0.06, 0.17
HSL	174°, 58%, 59%
HSV	174°, 58%, 83%
XYZ	37.7229, 52.8359, 62.2430
YIQ	173.1540, -68.8600, -29.5960

Conversions

Conversions Part 2

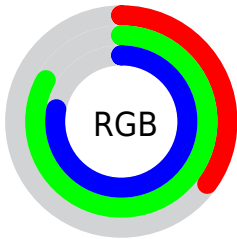
Format	Color
RYB	89, 153, 211
Decimal	5886919
CIELab	77.78, -36.77, -4.30
CIELCh	78, 37.021, 186.671
Yxy	52.8359, 0.2469, 0.3458
Android (android.graphics.Color)	4284076999 (0xFF59D3C7)
YUV	173.1540, 12.7421, -73.8031
Hunter-Lab	72.6883, -34.5688, 0.1118

Details

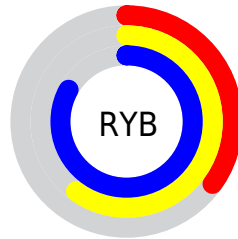
The Hex color **59D3C7** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D35965**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **96FFFF**, and **009C91** is the 20% darker color. If you saturate the color by 10%, you get **44D3C5**, and if you desaturate by 10%, it is **6ED3C9**.

Distribution



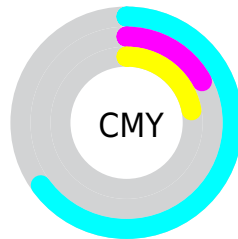
- Red (35%)
- Green (83%)
- Blue (78%)



- Red (35%)
- Yellow (60%)
- Blue (83%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (65%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59D3C7 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 59D3C7 by changing the saturation by 10% instead.

 59D3C7

 59D3C7

FFFFFF

 37B7AC

 96FFFF

 009C91

 B3FFFF

 008178

 D1FFFF

 00685F

 EFFFFF

 004F47

 003731

 00231C

 000001

 000000

 59D3C7

 59D3C7

 44D3C5

 6ED3C9

 2FD3C3

 83D3CB

 1AD3C1

 98D3CD

 05D3BF

 ADD3CF

 00D3BE

 C3D3D1

 D8D3D3

 EDD3D6

 FFD3D8

 FFD3DA

Harmonies

Analogous

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



82D1A4



59D3C7



46D1E8

Triad

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



59D3C7



CFB5F7



EEB582

Complementary

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



59D3C7



D35965

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.



FFAA99



59D3C7



F2AADC

Square

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



59D3C7



9DC1FF



FFA6BA



D0C17B

Rectangle

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



59D3C7



58CEF9



FFA6BA



F6B188

Sweetspot

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



59D3C7



D4FFFB



65D359



66807D



000000



808080

Same Dimension

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



59D3C7



4FFFE6



59A2D3



5E6968



00A898



002925

Inverse Universe

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



D35965



FF4F60



D38A59



695E5F



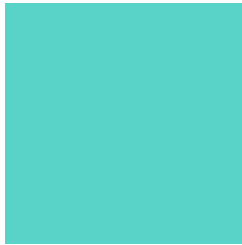
A80011



290004

Previews

White Background



This preview shows how the Hex color 59D3C7 looks on a white background.

Color Contrast Check

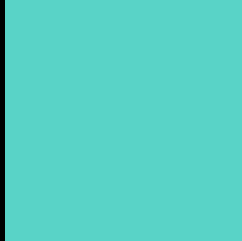
Large Text (above 18pt) WCAG AA × Fail

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 59D3C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

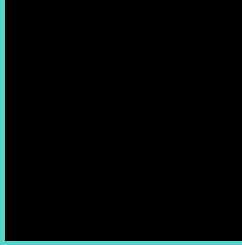
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

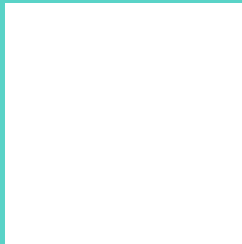
Any Text WCAG AAA ✓ Pass

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

Hex 59D3C7 Background



This preview shows how black text looks on a background with the Hex color 59D3C7.

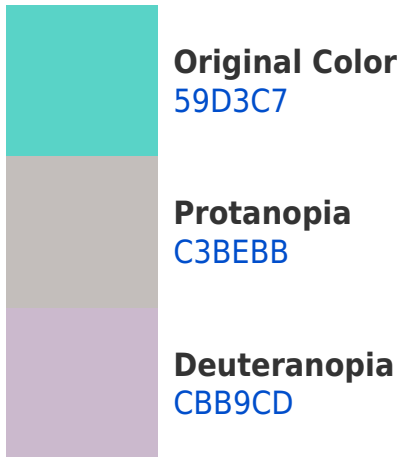


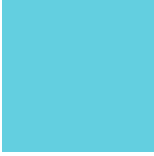
This preview shows how white text looks on a background with the Hex color 59D3C7.

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](#).

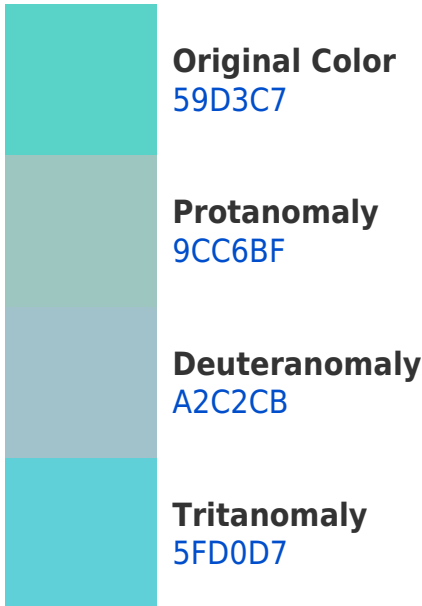
Dichromacy





Tritanopia
63CFE0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59D3C7 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 #59D3C7 looks like.

```
.text, #text, p{  
    color:#59D3C7  
}
```

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 #59D3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59D3C7
}
```

Border

The CSS property to change the border of an element to Hex 59D3C7 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
#59D3C7 }
```

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

```
.border{ border-color:#59D3C7 }
```

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

Here you see how a box with a 4 pixel #59D3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59D3C7; -webkit-box-shadow:4px 4px  
4px 4px #59D3C7; box-shadow:4px 4px 4px  
4px #59D3C7 }
```

Background

The CSS property to change the background color of an element to Hex 59D3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59D3C7 }
```

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

```
.background{ background-color:#59D3C7 }
```

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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