

# Converting Colors

Hex(5ED9D3)

Have a look what the booklet for  
Hex(5ED9D3) contains.

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**Color**

**Hex(5ED9D3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED9D3
RGB	94, 217, 211
RGB Percent	37%, 85%, 83%
CMY	0.6314, 0.1490, 0.1725
CMYK	0.57, 0.00, 0.03, 0.15
HSL	177°, 62%, 61%
HSV	177°, 57%, 85%
XYZ	41.1868, 56.7085, 70.4031
YIQ	179.5390, -71.3820, -27.9420

# Conversions

## Conversions Part 2

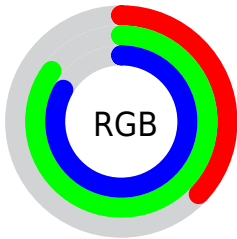
Format	Color
<a href="#">RYB</a>	<a href="#">94, 157, 217</a>
Decimal	<a href="#">6216147</a>
CIELab	<a href="#">80.02, -35.50, -7.40</a>
CIElCh	<a href="#">80, 36.259, 191.778</a>
Yxy	<a href="#">56.7085, 0.2447, 0.3370</a>
Android (android.graphics.Color)	<a href="#">4284406227</a> ( <a href="#">0xFF5ED9D3</a> )
YUV	<a href="#">179.5390, 15.5103, -75.0177</a>
Hunter-Lab	<a href="#">75.3051, -34.1564, -2.7170</a>

# Details

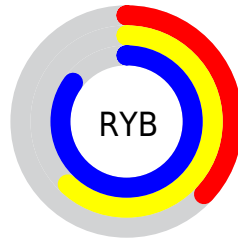
The Hex color **5ED9D3** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D95E64**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9BFFFF**, and **06A29D** is the 20% darker color. If you saturate the color by 10%, you get **48D9D2**, and if you desaturate by 10%, it is **74D9D4**.

# Distribution



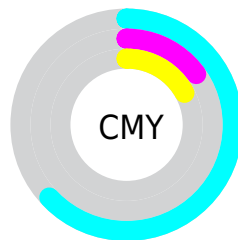
- Red (37%)
- Green (85%)
- Blue (83%)



- Red (37%)
- Yellow (62%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (63%)
- Magenta (15%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ED9D3 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 5ED9D3 by changing the saturation by 10% instead.



 5ED9D3

 5ED9D3

FFFFFF

 3CBDB7

 9BFFFF

 06A29D

 B9FFFF

 008783

 D7FFFF


 006D69

 F5FFFF

 005451

 003C3A

 002725

 000111

 000000

 5ED9D3

 5ED9D3

 48D9D2

 74D9D4

 33D9D1

 89D9D5

 1DD9D0

 9FD9D6

 07D9CF

 B5D9D7

 00D9CE

 CBD9D8

 E0D9D9

 F6D9DA

 FFD9DB

 FFD9DD

# Harmonies

## Analogous

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



83D7B0



5ED9D3



55D6F2

# Triad

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



5ED9D3



DCB9F9



F0BD87

# Complementary

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



5ED9D3



D95E64

# 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.



FFB39B



5ED9D3



FCAFDC

# Square

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



5ED9D3



ADC5FF



FFADBA



D0C984

# Rectangle

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



5ED9D3



6AD2FF



FFADBA



F8B98C



# Sweetspot

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



5ED9D3



D4FFFD



64D95E



66807E



000000



808080



# Same Dimension

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



5ED9D3



52FFF7



5EA2D9



636E6D



00ADA5



002E2C



# Inverse Universe

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



D95E64



FF525A



D9955E



6E6363



AD0008

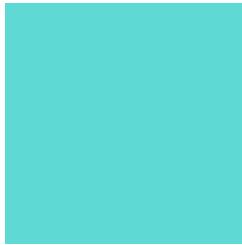


2E0002



# Previews

## White Background



This preview shows how the Hex color 5ED9D3 looks on a white background.

## Color Contrast Check

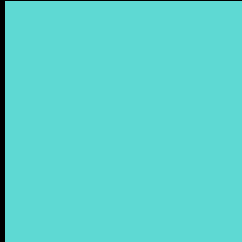
Large Text (above 18pt) WCAG AA × Fail

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 5ED9D3 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 5ED9D3 Background



This preview shows how black text looks on a background with the Hex color 5ED9D3.

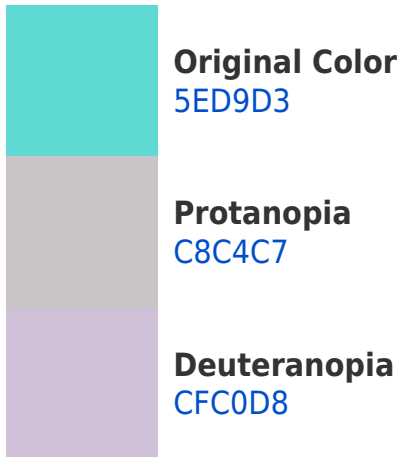


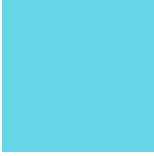
This preview shows how white text looks on a background with the Hex color 5ED9D3.

# 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**  
66D6E7

# Trichromacy



**Original Color**  
5ED9D3



**Protanomaly**  
A1CCCB



**Deuteranomaly**  
A6C9D6

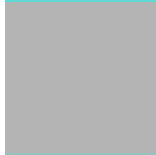


**Tritanomaly**  
63D7E0

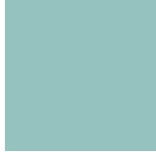
# Monochromacy



**Original Color**  
5ED9D3



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
95C1BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ED9D3 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 #5ED9D3 looks like.

```
.text, #text, p{  
    color:#5ED9D3  
}
```

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 #5ED9D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED9D3
}
```

## Border

The CSS property to change the border of an element to Hex 5ED9D3 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
#5ED9D3 }
```

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

```
.border{ border-color:#5ED9D3 }
```

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

Here you see how a box with a 4 pixel #5ED9D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED9D3; -webkit-box-shadow:4px 4px  
4px 4px #5ED9D3; box-shadow:4px 4px 4px  
4px #5ED9D3 }
```

# Background

The CSS property to change the background color of an element to Hex 5ED9D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED9D3 }
```

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

```
.background{ background-color:#5ED9D3 }
```

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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