

# Converting Colors

Hex(5ECDC9)

Have a look what the booklet for  
Hex(5ECDC9) contains.

<b>Hex(5ECDC9)</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(5ECDC9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ECDC9
RGB	94, 205, 201
RGB Percent	37%, 80%, 79%
CMY	0.6314, 0.1961, 0.2118
CMYK	0.54, 0.00, 0.02, 0.20
HSL	178°, 53%, 59%
HSV	178°, 54%, 80%
XYZ	36.9900, 50.2594, 63.0098
YIQ	171.3550, -64.8720, -24.7760

# Conversions

## Conversions Part 2

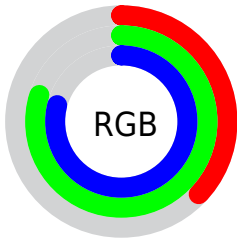
Format	Color
<b>RYB</b>	94, 151, 205
Decimal	6213065
CIELab	76.23, -32.49, -7.65
CIELCh	76, 33.374, 193.254
Yxy	50.2594, 0.2462, 0.3345
Android (android.graphics.Color)	4284403145 (0xFF5E9DC9)
YUV	171.3550, 14.6150, -67.8403
Hunter-Lab	70.8938, -30.9289, -3.0707

# Details

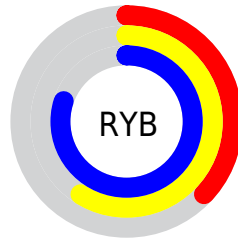
The Hex color **5ECDC9** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **CD5E62**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **99FFFF**, and **139693** is the 20% darker color. If you saturate the color by 10%, you get **49CDC8**, and if you desaturate by 10%, it is **73CDCA**.

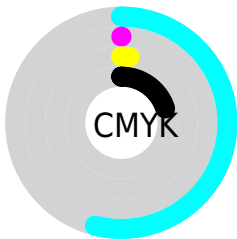
# Distribution



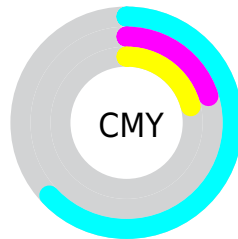
- Red (37%)
- Green (80%)
- Blue (79%)



- Red (37%)
- Yellow (59%)
- Blue (80%)



- Cyan (54%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)



- Cyan (63%)
- Magenta (20%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ECDC9 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 5ECDC9 by changing the saturation by 10% instead.



 5ECDC9

 5ECDC9

FFFFFF

 3EB1AE

 99FFFF

 139693

 B7FFFF

 007C79

 D4FFFF

 006361

 F2FFFF

 004A49

 003332

 001F1D

 000003

 000000

 5ECDC9

 5ECDC9

 49CDC8

 73CDCA

 35CDC8

 87CDCA

 20CDC7

 9CCDCB

 0CCDC6

 B0CDCC

 00CDC6

 C5CDCD

 D9CDCD

 EECDC E

 FFCDC F

 FFCDD 0

# Harmonies

## Analogous

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



7DCCA9



5ECDC9



59CAE5

# Triad

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



5ECDC9



D1AFE9



E1B481

# Complementary

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



5ECDC9



CD5E62

# 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.



F4AA93



5ECDC9



EEA7CF

# Square

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



5ECDC9



A8BAF8



F9A5AF



C4BE7F

# Rectangle

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



5ECDC9



6CC7F2



F9A5AF



E9B186

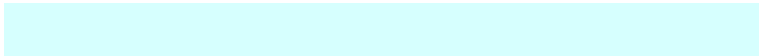


# Sweetspot

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



5ECDC9



D6FFFE



64CD5E



67807F



000000



808080



# Same Dimension

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



5ECDC9



59FFF9



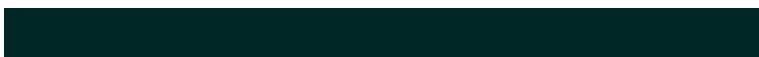
5E9BCD



5C6666



00A6A0



002625



# Inverse Universe

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



CD5E62



FF595F



CD905E



665C5C



A60006

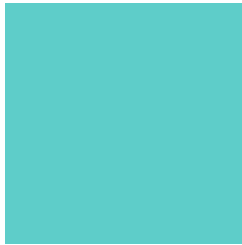


260001



# Previews

## White Background



This preview shows how the Hex color 5ECDC9 looks on a white background.

## Color Contrast Check

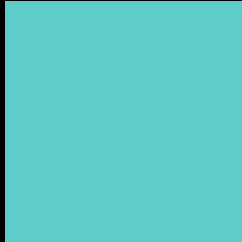
Large Text (above 18pt) WCAG AA × Fail

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 5ECDC9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

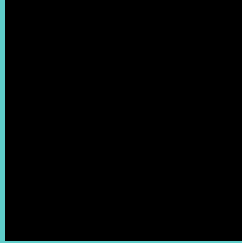
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

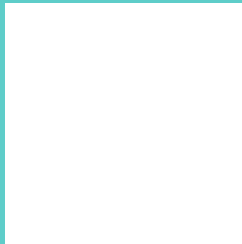
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5ECDC9 Background



This preview shows how black text looks on a background with the Hex color 5ECDC9.

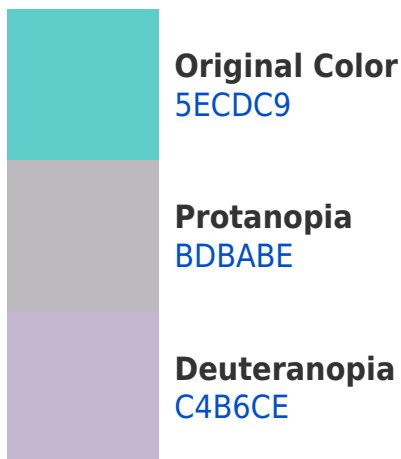


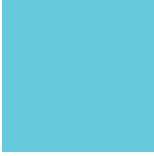
This preview shows how white text looks on a background with the Hex color 5ECDC9.

# 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**  
65CADB

# Trichromacy



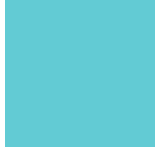
**Original Color**  
5ECDC9



**Protanomaly**  
9AC1C2



**Deuteranomaly**  
9FBECC

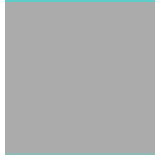


**Tritanomaly**  
62CBD4

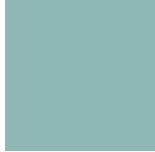
# Monochromacy



**Original Color**  
5ECDC9



**Achromatopsia**  
ABABAB



**Achromatomaly**  
8FB7B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ECDC9 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 #5ECDC9 looks like.

```
.text, #text, p{  
    color:#5ECDC9  
}
```

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 #5ECDC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ECDC9
}
```

## Border

The CSS property to change the border of an element to Hex 5ECDC9 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
#5ECDC9 }
```

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

```
.border{ border-color:#5ECDC9 }
```

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

Here you see how a box with a 4 pixel #5ECDC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ECDC9; -webkit-box-shadow:4px 4px  
4px 4px #5ECDC9; box-shadow:4px 4px 4px  
4px #5ECDC9 }
```

# Background

The CSS property to change the background color of an element to Hex 5ECDC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ECDC9 }
```

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

```
.background{ background-color:#5ECDC9 }
```

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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