

# Converting Colors

Hex(5EDDD4)

Have a look what the booklet for  
Hex(5EDDD4) contains.

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# **Color**

**Hex(5EDDD4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EDDD4
RGB	94, 221, 212
RGB Percent	37%, 87%, 83%
CMY	0.6314, 0.1333, 0.1686
CMYK	0.57, 0.00, 0.04, 0.13
HSL	176°, 65%, 62%
HSV	176°, 57%, 87%
XYZ	42.3562, 58.8461, 71.4134
YIQ	182.0010, -72.8030, -29.7230

# Conversions

## Conversions Part 2

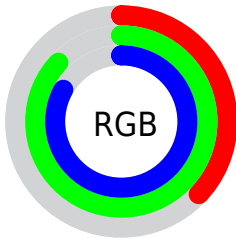
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 160, 221
Decimal	6217172
CIELab	81.21, -37.08, -6.17
CIELCh	81, 37.593, 189.446
Yxy	58.8461, 0.2454, 0.3409
Android (android.graphics.Color)	4284407252 (0xFF5EDDD4)
YUV	182.0010, 14.7895, -77.1769
Hunter-Lab	76.7112, -35.6855, -1.4975

# Details

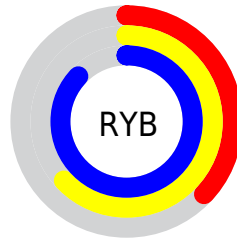
The Hex color **5EDDD4** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **DD5E67**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9BFFFF**, and **02A59E** is the 20% darker color. If you saturate the color by 10%, you get **48DDD2**, and if you desaturate by 10%, it is **74DDD6**.

# Distribution



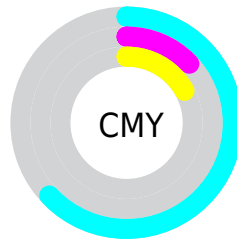
- Red (37%)
- Green (87%)
- Blue (83%)



- Red (37%)
- Yellow (63%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (63%)
- Magenta (13%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EDDD4 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 5EDDD4 by changing the saturation by 10% instead.



 5EDDD4

 5EDDD4

FFFFFF

 3CC1B8

 9BFFFF

 02A59E

 B9FFFF

 008B83

 D7FFFF

 00716A

 F6FFFF

 005752

 003F3B

 002926

 000911

 000000

■ 5E4DD4

■ 5E4DD4

■ 484DD2

■ 744DD6

■ 324DD1

■ 8A4DD7

■ 1C4DDCF

■ A04DD9

■ 064DDCE

■ B64DDA

■ 004DDCD

■ C4DDDC

■ E34DDD

■ F94DDDF

■ FF4DDE1

■ FF4DDE2

# Harmonies

## Analogous

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



86DBB0



5EDDD4



50DBF5

# Triad

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



5EDDD4



DDBDFF



F7BF88

# Complementary

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



5EDDD4



DD5E67

# 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.



FFB49F



5EDDD4



FFB2E3

# Square

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



5EDDD4



ABC9FF



FFAFC0



D7CB84

# Rectangle

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



5EDDD4



64D7FF



FFAFC0



FFBB8E

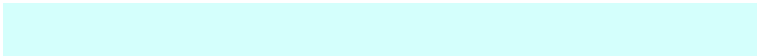


# Sweetspot

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



5EDDD4



D4FFFC



69DD5E



66807E



000000



808080



# Same Dimension

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



5EDDD4



4FFFF3



5EA8DD



636E6D



00ADA1



002E2B



# Inverse Universe

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



DD5E67



FF4F5C



DD935E



6E6363



AD000C

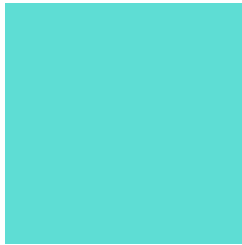


2E0003



# Previews

## White Background



This preview shows how the Hex color 5EDDD4 looks on a white background.

## Color Contrast Check

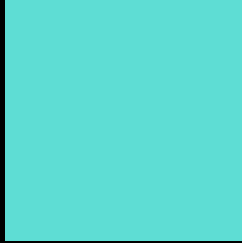
Large Text (above 18pt) WCAG AA × Fail

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 5EDDD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

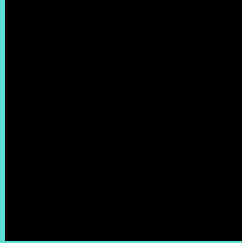
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

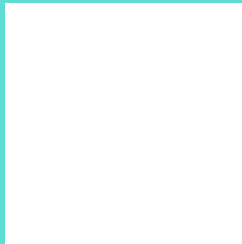
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EDDD4 Background



This preview shows how black text looks on a background with the Hex color 5EDDD4.

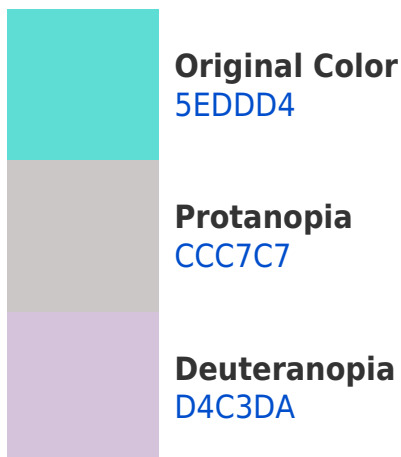


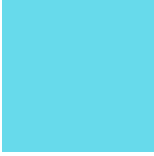
This preview shows how white text looks on a background with the Hex color 5EDDD4.

# 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**  
67DAEB

# Trichromacy



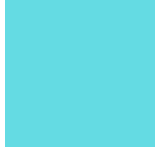
**Original Color**  
5EDDD4



**Protanomaly**  
A4CFCC



**Deuteranomaly**  
A9CCD8

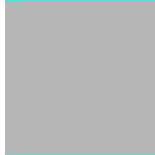


**Tritanomaly**  
64DBE3

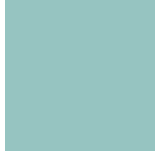
# Monochromacy



**Original Color**  
5EDDD4



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
96C4C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EDDD4 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 #5EDDD4 looks like.

```
.text, #text, p{  
    color:#5EDDD4  
}
```

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 #5EDDD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EDDD4  
}
```

## Border

The CSS property to change the border of an element to Hex 5EDDD4 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  
#5EDDD4 }
```

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

```
.border{ border-color:#5EDDD4 }
```

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

Here you see how a box with a 4 pixel #5EDDD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EDDD4; -webkit-box-shadow:4px 4px  
4px 4px #5EDDD4; box-shadow:4px 4px 4px  
4px #5EDDD4 }
```

# Background

The CSS property to change the background color of an element to Hex 5EDDD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EDDD4 }
```

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

```
.background{ background-color:#5EDDD4 }
```

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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