

# Converting Colors

Hex(5DE9AD)

Have a look what the booklet for  
Hex(5DE9AD) contains.

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# Color

**Hex(5DE9AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE9AD
RGB	93, 233, 173
RGB Percent	36%, 91%, 68%
CMY	0.6353, 0.0863, 0.3216
CMYK	0.60, 0.00, 0.26, 0.09
HSL	154°, 76%, 64%
HSV	154°, 60%, 91%
XYZ	41.1959, 63.6221, 49.6442
YIQ	184.3000, -64.1800, -48.3400

# Conversions

## Conversions Part 2

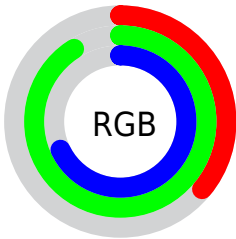
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 182, 233
Decimal	6154669
CIELab	83.77, -51.65, 18.08
CIElCh	84, 54.719, 160.704
Yxy	63.6221, 0.2667, 0.4119
Android (android.graphics.Color)	4284344749 (0xFF5DE9AD)
YUV	184.3000, -5.5709, -80.0701
Hunter-Lab	79.7635, -47.3951, 18.9328

# Details

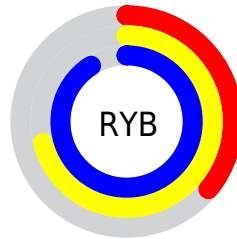
The Hex color **5DE9AD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E95D99**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9AFFE5**, and **00B078** is the 20% darker color. If you saturate the color by 10%, you get **46E9A3**, and if you desaturate by 10%, it is **74E9B7**.

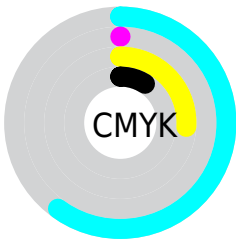
# Distribution



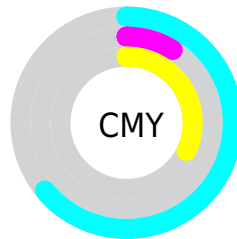
- Red (36%)
- Green (91%)
- Blue (68%)



- Red (36%)
- Yellow (71%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (26%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE9AD 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 5DE9AD by changing the saturation by 10% instead.



 5DE9AD

 5DE9AD

FFFFFF

 3BCC92

 9AFFE5

 00B078

 B9FFFF

 009560

 D7FFFF

 007A48

 F5FFFF

 006031

 00471B

 003003

 001600

 000000

 5DE9AD

 5DE9AD

 46E9A3

 74E9B7

 2EE999

 8CE9C1

 17E98F

 A3E9CB

 00E985

 BAE9D5

 D2E9DF

 E9E9E9

 FFE9F3

 FFE9FD

 FFE9FF

# Harmonies

## Analogous

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



A6E180



5DE9AD



00ECE2

# Triad

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



5DE9AD



9ED0FF



FFB090

# Complementary

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



5DE9AD



E95D99

# 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.



FFA6C0



5DE9AD



EDBCFF

# Square

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



5DE9AD



00DFFF



FFABF4



FFC26F

# Rectangle

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



5DE9AD



00EAF4



FFABF4



FFAC9F

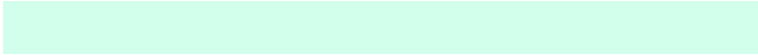


# Sweetspot

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



5DE9AD



D1FFEB



9AE95D



638073



000000



808080



# Same Dimension

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



5DE9AD



47FFB0



5DE0E9



6A7570



00B567



00361F



# Inverse Universe

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



E95D99



FF4796



E9665D



756A6F



B5004E

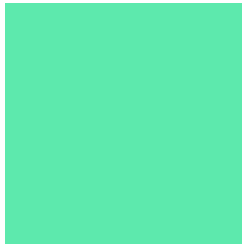


360017



# Previews

## White Background



This preview shows how the Hex color 5DE9AD 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 5DE9AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

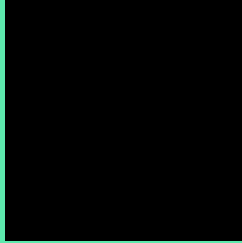
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE9AD Background



This preview shows how black text looks on a background with the Hex color 5DE9AD.

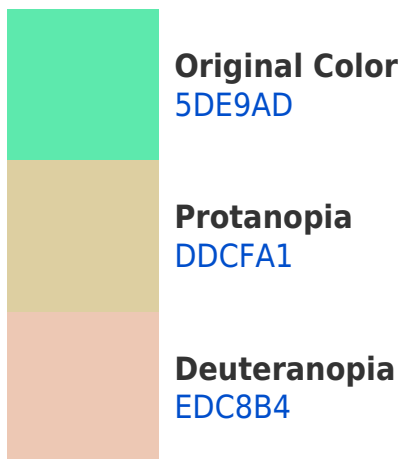


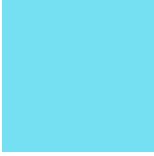
This preview shows how white text looks on a background with the Hex color 5DE9AD.

# 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**  
74E0F2

# Trichromacy



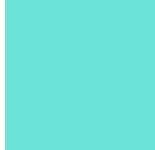
**Original Color**  
5DE9AD



**Protanomaly**  
AED8A5



**Deuteranomaly**  
B9D4B1

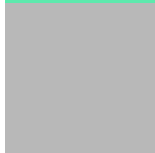


**Tritanomaly**  
6CE3D9

# Monochromacy



**Original Color**  
5DE9AD



**Achromatopsia**  
B8B8B8



**Achromatomaly**  
97CAB4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE9AD 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 #5DE9AD looks like.

```
.text, #text, p{  
    color:#5DE9AD  
}
```

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 #5DE9AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE9AD
}
```

## Border

The CSS property to change the border of an element to Hex 5DE9AD 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
#5DE9AD }
```

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

```
.border{ border-color:#5DE9AD }
```

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

Here you see how a box with a 4 pixel #5DE9AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE9AD; -webkit-box-shadow:4px 4px  
4px 4px #5DE9AD; box-shadow:4px 4px 4px  
4px #5DE9AD }
```

# Background

The CSS property to change the background color of an element to Hex 5DE9AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE9AD }
```

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

```
.background{ background-color:#5DE9AD }
```

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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