

# Converting Colors

Hex(5DE0AB)

Have a look what the booklet for  
Hex(5DE0AB) contains.

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**Color**

**Hex(5DE0AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE0AB
RGB	93, 224, 171
RGB Percent	36%, 88%, 67%
CMY	0.6353, 0.1216, 0.3294
CMYK	0.58, 0.00, 0.24, 0.12
HSL	156°, 68%, 62%
HSV	156°, 58%, 88%
XYZ	38.5205, 58.5787, 47.8047
YIQ	178.7890, -61.0630, -44.2550

# Conversions

## Conversions Part 2

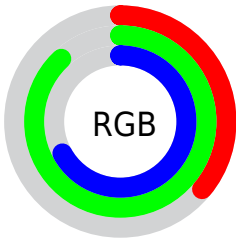
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 175, 224
Decimal	6152363
CIELab	81.06, -48.34, 15.34
CIElCh	81, 50.717, 162.399
Yxy	58.5787, 0.2658, 0.4043
Android (android.graphics.Color)	4284342443 (0xFF5DE0AB)
YUV	178.7890, -3.8400, -75.2370
Hunter-Lab	76.5367, -44.1012, 16.5433

# Details

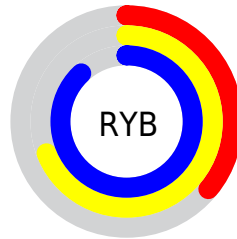
The Hex color **5DE0AB** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E05D92**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **99FFE2**, and **08A877** is the 20% darker color. If you saturate the color by 10%, you get **47E0A2**, and if you desaturate by 10%, it is **73E0B4**.

# Distribution



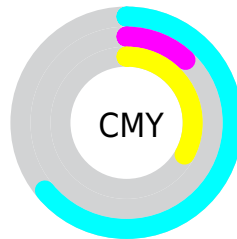
- Red (36%)
- Green (88%)
- Blue (67%)



- Red (36%)
- Yellow (69%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE0AB 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 5DE0AB by changing the saturation by 10% instead.



 5DE0AB

 5DE0AB

FFFFFF

 3CC490

 99FFE2

 08A877

 B7FFFF

 008D5E

 D5FFFF

 007246

 F3FFFF

 00592F

 00401A

 002B01

 000700

 000000

 5DE0AB

 5DE0AB

 47E0A2

 73E0B4

 30E099

 8AE0BD

 1AE090

 A0E0C6

 03E087

 B7E0CF

 00E085

 CDE0D8

 E3E0E1

 FAE0EA

 FFE0F4

 FFE0FD

# Harmonies

## Analogous

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



9FD981



5DE0AB



00E2DC

# Triad

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



5DE0AB



A1C7FF



FFAC8B

# Complementary

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



5DE0AB



E05D92

# 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.



FFA3B7



5DE0AB



E7B5FF

# Square

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



5DE0AB



32D6FF



FFA7E7



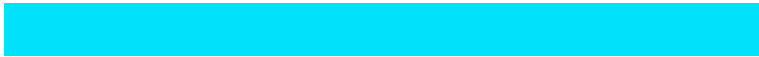
FEBD6F

# Rectangle

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



5DE0AB



00E1FB



FFA7E7



FFA899

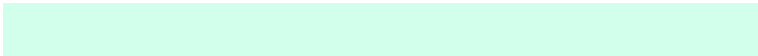


# Sweetspot

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



5DE0AB



D1FFEC



94E05D



638074



000000



808080



# Same Dimension

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



5DE0AB



4DFFB7



5DD5E0



65706C



00B069



00301D



# Inverse Universe

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



E05D92



FF4D95



E0685D



70656A



B00047

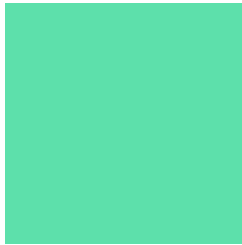


300014



# Previews

## White Background



This preview shows how the Hex color 5DE0AB looks on a white background.

## Color Contrast Check

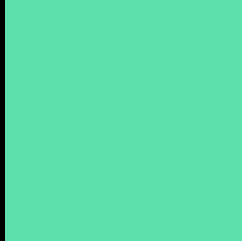
Large Text (above 18pt) WCAG AA × Fail

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 5DE0AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

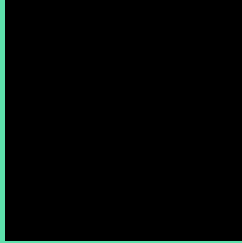
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE0AB Background



This preview shows how black text looks on a background with the Hex color 5DE0AB.

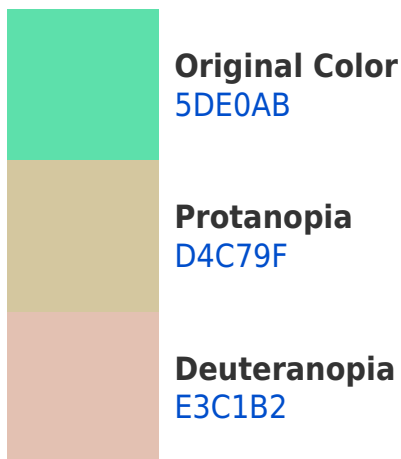


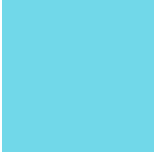
This preview shows how white text looks on a background with the Hex color 5DE0AB.

# 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



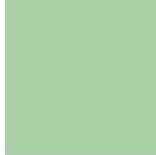


**Tritanopia**  
71D8E9

# Trichromacy



**Original Color**  
5DE0AB



**Protanomaly**  
A9D0A3



**Deuteranomaly**  
B2CCAF



**Tritanomaly**  
6ADBD2

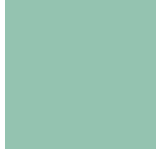
# Monochromacy



**Original Color**  
5DE0AB



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
94C3B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE0AB 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 #5DE0AB looks like.

```
.text, #text, p{  
    color:#5DE0AB  
}
```

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 #5DE0AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE0AB
}
```

## Border

The CSS property to change the border of an element to Hex 5DE0AB 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
#5DE0AB }
```

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

```
.border{ border-color:#5DE0AB }
```

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

Here you see how a box with a 4 pixel #5DE0AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE0AB; -webkit-box-shadow:4px 4px  
4px 4px #5DE0AB; box-shadow:4px 4px 4px  
4px #5DE0AB }
```

# Background

The CSS property to change the background color of an element to Hex 5DE0AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE0AB }
```

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

```
.background{ background-color:#5DE0AB }
```

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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