

# Converting Colors

Hex(5DE3AF)

Have a look what the booklet for  
Hex(5DE3AF) contains.

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# Color

Hex(5DE3AF)

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE3AF
RGB	93, 227, 175
RGB Percent	36%, 89%, 69%
CMY	0.6353, 0.1098, 0.3137
CMYK	0.59, 0.00, 0.23, 0.11
HSL	157°, 71%, 63%
HSV	157°, 59%, 89%
XYZ	39.7211, 60.3605, 50.1147
YIQ	181.0060, -63.1720, -44.5800

# Conversions

## Conversions Part 2

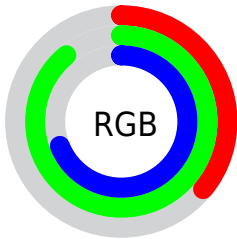
Format	Color
<a href="#">RYB</a>	<a href="#">93, 176, 227</a>
Decimal	<a href="#">6153135</a>
CIELab	<a href="#">82.03, -48.74, 14.61</a>
CIELCh	<a href="#">82, 50.879, 163.318</a>
Yxy	<a href="#">60.3605, 0.2645, 0.4019</a>
Android (android.graphics.Color)	<a href="#">4284343215 (0xFF5DE3AF)</a>
YUV	<a href="#">181.0060, -2.9610, -77.1813</a>
Hunter-Lab	<a href="#">77.6920, -44.7003, 16.1398</a>

# Details

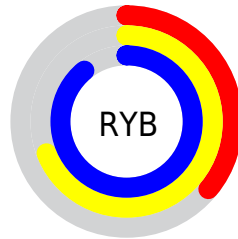
The Hex color **5DE3AF** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E35D91**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **9AFFE7**, and **04AB7A** is the 20% darker color. If you saturate the color by 10%, you get **46E3A6**, and if you desaturate by 10%, it is **74E3B8**.

# Distribution



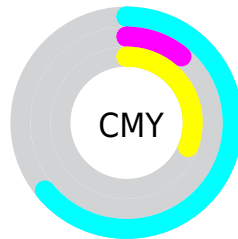
- Red (36%)
- Green (89%)
- Blue (69%)



- Red (36%)
- Yellow (69%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE3AF 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 5DE3AF by changing the saturation by 10% instead.



 5DE3AF

 5DE3AF

FFFFFF

 3BC794

 9AFFE7

 04AB7A

 B8FFFF

 009062

 D6FFFF

 00754A

 F4FFFF

 005B33

 00431D

 002D06

 000E00

 000000

 5DE3AF

 5DE3AF

 46E3A6

 74E3B8

 30E39D

 8AE3C1

 19E395

 A1E3C9

 02E38C

 B8E3D2

 00E38B

 CFE3DB

 E5E3E4

 FCE3ED

 FFE3F5

 FFE3FE

# Harmonies

## Analogous

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



A0DC84



5DE3AF



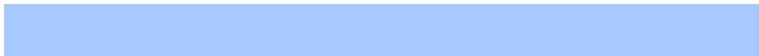
00E5E0

# Triad

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



5DE3AF



A6CAFF



FFAF8D

# Complementary

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



5DE3AF



E35D91

# 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.



FFA6B8



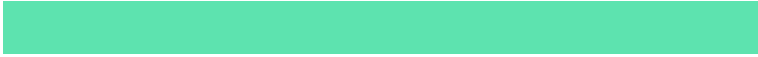
5DE3AF



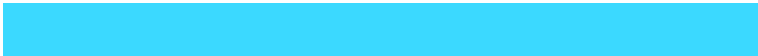
ECB7FF

# Square

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



5DE3AF



3BD9FF



FFA9E9



FFC070

# Rectangle

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



5DE3AF



00E3FF



FFA9E9



FFAB9A

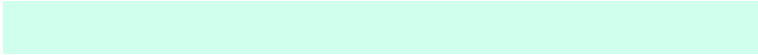


# Sweetspot

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



5DE3AF



D1FFED



93E35D



638075



000000



808080



# Same Dimension

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



5DE3AF



4AFFB9



5DD6E3



67736E



00B36D



00331F



# Inverse Universe

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



E35D91



FF4A90



E36A5D



73676C



B30045

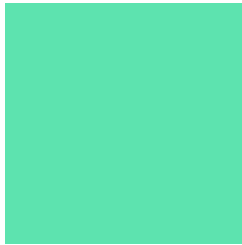


330014



# Previews

## White Background



This preview shows how the Hex color 5DE3AF looks on a white background.

## Color Contrast Check

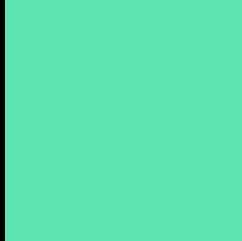
Large Text (above 18pt) WCAG AA × Fail

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 5DE3AF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

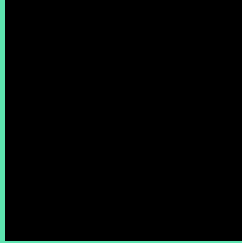
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE3AF Background



This preview shows how black text looks on a background with the Hex color 5DE3AF.

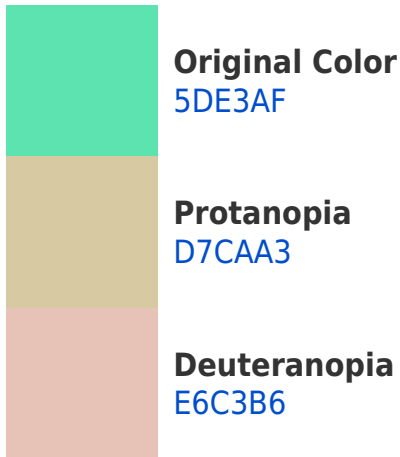


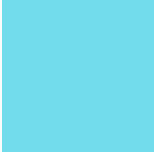
This preview shows how white text looks on a background with the Hex color 5DE3AF.

# 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**  
72DBEC

# Trichromacy



**Original Color**  
5DE3AF



**Protanomaly**  
ABD3A7



**Deuteranomaly**  
B4CFB3



**Tritanomaly**  
6ADED6

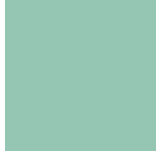
# Monochromacy



**Original Color**  
5DE3AF



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
95C6B3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE3AF 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 #5DE3AF looks like.

```
.text, #text, p{  
    color:#5DE3AF  
}
```

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 #5DE3AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE3AF  
}
```

## Border

The CSS property to change the border of an element to Hex 5DE3AF 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  
#5DE3AF }
```

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

```
.border{ border-color:#5DE3AF }
```

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

Here you see how a box with a 4 pixel #5DE3AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE3AF; -webkit-box-shadow:4px 4px  
4px 4px #5DE3AF; box-shadow:4px 4px 4px  
4px #5DE3AF }
```

# Background

The CSS property to change the background color of an element to Hex 5DE3AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE3AF }
```

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

```
.background{ background-color:#5DE3AF }
```

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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