

# Converting Colors

Hex(5DE7A1)

Have a look what the booklet for  
Hex(5DE7A1) contains.

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**Color**

**Hex(5DE7A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE7A1
RGB	93, 231, 161
RGB Percent	36%, 91%, 63%
CMY	0.6353, 0.0941, 0.3686
CMYK	0.60, 0.00, 0.30, 0.09
HSL	150°, 74%, 64%
HSV	150°, 60%, 91%
XYZ	39.5231, 62.0522, 43.6124
YIQ	181.7580, -59.7780, -51.0260

# Conversions

## Conversions Part 2

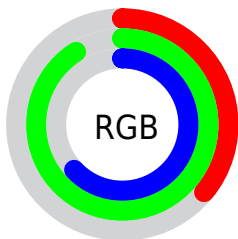
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 185, 231
Decimal	6154145
CIELab	82.94, -53.27, 23.16
CIELCh	83, 58.088, 156.502
Yxy	62.0522, 0.2722, 0.4274
Android (android.graphics.Color)	4284344225 (0xFF5DE7A1)
YUV	181.7580, -10.2337, -77.8408
Hunter-Lab	78.7732, -48.2937, 22.3156

# Details

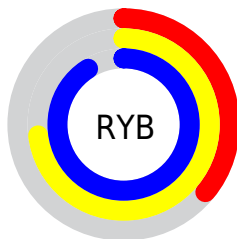
The Hex color **5DE7A1** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E75DA3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9AFFD8**, and **01AE6D** is the 20% darker color. If you saturate the color by 10%, you get **46E795**, and if you desaturate by 10%, it is **74E7AD**.

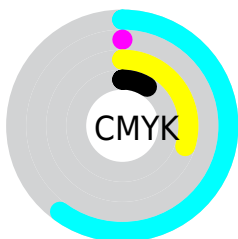
# Distribution



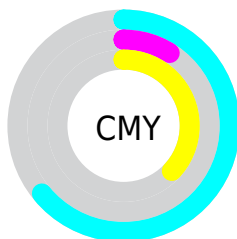
- Red (36%)
- Green (91%)
- Blue (63%)



- Red (36%)
- Yellow (73%)
- Blue (91%)



- Cyan (60%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE7A1 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 5DE7A1 by changing the saturation by 10% instead.



 5DE7A1

 5DE7A1

FFFFFF

 3BCA87

 9AFFD8

 01AE6D

 B8FFF5

 009354

 D6FFFF

 00783D

 F4FFFF

 005F26

 004510

 002F00

 001200

 000000

 5DE7A1

 5DE7A1

 46E795

 74E7AD

 2FE78A

 8BE7B8

 18E77E

 A2E7C4

 01E772

 B9E7D0

 00E772

 D0E7DC

 E8E7E7

 FFE7F3

 FFE7FF

# Harmonies

## Analogous

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



AADE73



5DE7A1



00EAD9

# Triad

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



5DE7A1



86D0FF



FFA990

# Complementary

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



5DE7A1



E75DA3

# 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.



FFA0C5



5DE7A1



E3BCFF

# Square

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



5DE7A1



00E0FF



FFA8FB



FFBC6A

# Rectangle

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



5DE7A1



00EAFE



FFA8FB



FFA5A1

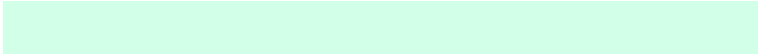


# Sweetspot

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



5DE7A1



D1FFE8



A4E75D



638071



000000



808080



# Same Dimension

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



5DE7A1



47FFA2



5DE7E5



67736D



00B358



003319



# Inverse Universe

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



E75DA3



FF47A5



E75D5F



73676D



B3005B

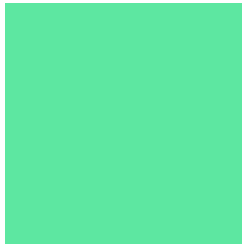


33001A



# Previews

## White Background



This preview shows how the Hex color 5DE7A1 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 5DE7A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

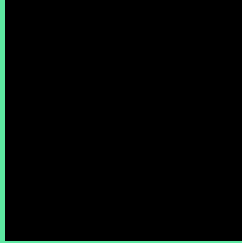
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE7A1 Background



This preview shows how black text looks on a background with the Hex color 5DE7A1.

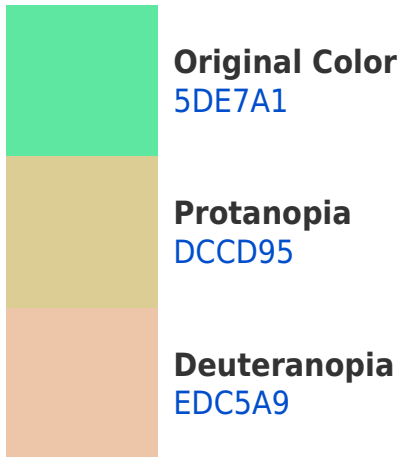


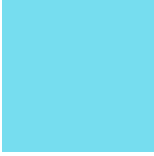
This preview shows how white text looks on a background with the Hex color 5DE7A1.

# 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](#).

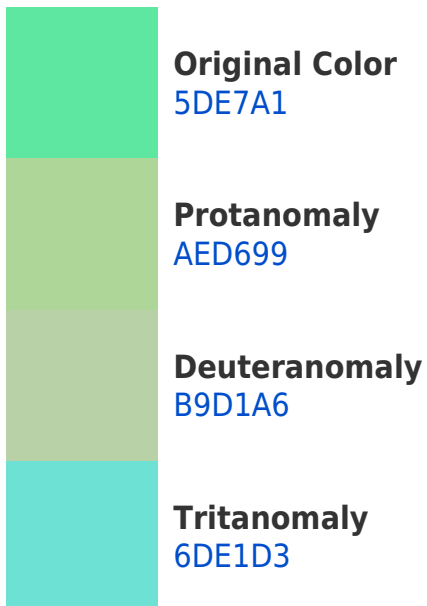
## Dichromacy



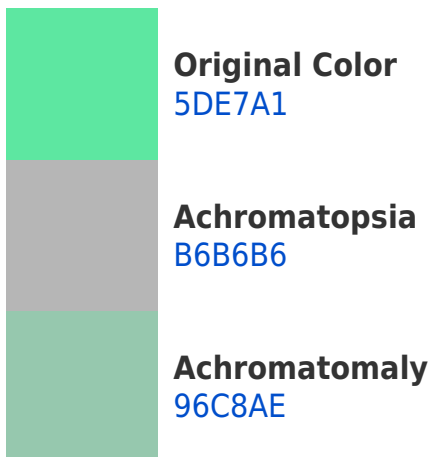


**Tritanopia**  
76DDEF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE7A1 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 #5DE7A1 looks like.

```
.text, #text, p{  
    color:#5DE7A1  
}
```

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 #5DE7A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE7A1
}
```

## Border

The CSS property to change the border of an element to Hex 5DE7A1 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
#5DE7A1 }
```

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

```
.border{ border-color:#5DE7A1 }
```

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

Here you see how a box with a 4 pixel #5DE7A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE7A1; -webkit-box-shadow:4px 4px  
4px 4px #5DE7A1; box-shadow:4px 4px 4px  
4px #5DE7A1 }
```

# Background

The CSS property to change the background color of an element to Hex 5DE7A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE7A1 }
```

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

```
.background{ background-color:#5DE7A1 }
```

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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