

# Converting Colors

Hex(5DE79E)

Have a look what the booklet for  
Hex(5DE79E) contains.

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**Color**

**Hex(5DE79E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5DE79E
RGB	93, 231, 158
RGB Percent	36%, 91%, 62%
CMY	0.6353, 0.0941, 0.3804
CMYK	0.60, 0.00, 0.32, 0.09
HSL	148°, 74%, 64%
HSV	148°, 60%, 91%
XYZ	39.2617, 61.9476, 42.2355
YIQ	181.4160, -58.8150, -51.9590

# Conversions

## Conversions Part 2

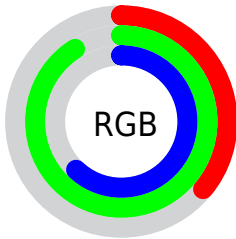
Format	Color
<a href="#">RYB</a>	<a href="#">93, 187, 231</a>
Decimal	<a href="#">6154142</a>
CIELab	<a href="#">82.89, -53.86, 24.63</a>
CIELCh	<a href="#">83, 59.222, 155.422</a>
Yxy	<a href="#">61.9476, 0.2737, 0.4319</a>
Android (android.graphics.Color)	<a href="#">4284344222</a> ( <a href="#">0xFF5DE79E</a> )
YUV	<a href="#">181.4160, -11.5441, -77.5408</a>
Hunter-Lab	<a href="#">78.7068, -48.6949, 23.2786</a>

# Details

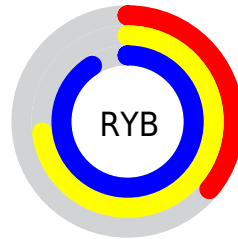
The Hex color **5DE79E** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **E75DA6**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **9AFFD5**, and **01AE6A** is the 20% darker color. If you saturate the color by 10%, you get **46E792**, and if you desaturate by 10%, it is **74E7AA**.

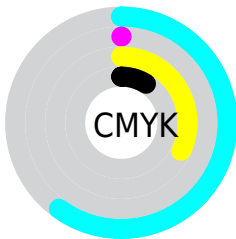
# Distribution



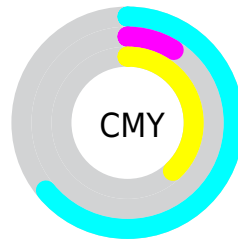
- Red (36%)
- Green (91%)
- Blue (62%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (32%)
- Black (9%)



- Cyan (64%)
- Magenta (9%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5DE79E 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 5DE79E by changing the saturation by 10% instead.



 5DE79E

 5DE79E

FFFFFF

 3BCA84

 9AFFD5

 01AE6A

 B8FFF1

 009352

 D6FFFF

 00783A

 F4FFFF

 005E23

 00450D

 002F00

 001200

 000000

 5DE79E

 5DE79E

 46E792

 74E7AA

 2FE786

 8BE7B6

 18E779

 A2E7C3

 01E76D

 B9E7CF

 00E76D

 D0E7DB

 E8E7E7

 FFE7F4

 FFE7FF

# Harmonies

## Analogous

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



ABDE70



5DE79E



00EBD7

# Triad

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



5DE79E



7FD1FF



FFA891

# Complementary

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



5DE79E



E75DA6

# 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.



FF9FC6



5DE79E



E0BCFF

# Square

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



5DE79E



00E0FF



FFA7FE



FFBB69

# Rectangle

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



5DE79E



00EAFC



FFA7FE



FFA3A2

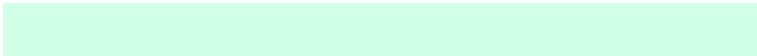


# Sweetspot

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



5DE79E



D1FFE7



A7E75D



638071



000000



808080



# Same Dimension

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



5DE79E



47FF9E



5DE7E2



67736D



00B354



003318



# Inverse Universe

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



E75DA6



FF47A9



E75D62



73676D



B3005E

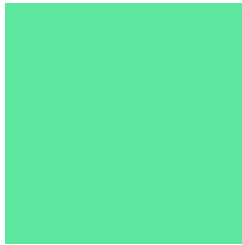


33001B



# Previews

## White Background



This preview shows how the Hex color 5DE79E 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 5DE79E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

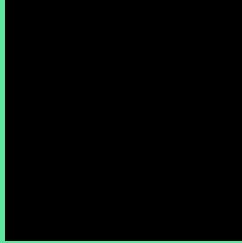
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5DE79E Background



This preview shows how black text looks on a background with the Hex color 5DE79E.

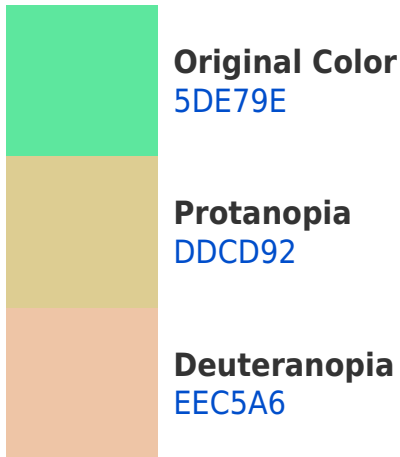


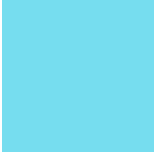
This preview shows how white text looks on a background with the Hex color 5DE79E.

# 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



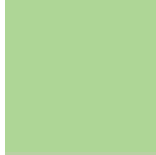


**Tritanopia**  
76DDEF

# Trichromacy



**Original Color**  
5DE79E



**Protanomaly**  
AED696



**Deuteranomaly**  
B9D1A3



**Tritanomaly**  
6DE1D2

# Monochromacy



**Original Color**  
5DE79E



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
95C7AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5DE79E 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 #5DE79E looks like.

```
.text, #text, p{  
    color:#5DE79E  
}
```

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 #5DE79E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE79E
}
```

## Border

The CSS property to change the border of an element to Hex 5DE79E 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
#5DE79E }
```

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

```
.border{ border-color:#5DE79E }
```

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

Here you see how a box with a 4 pixel #5DE79E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE79E; -webkit-box-shadow:4px 4px  
4px 4px #5DE79E; box-shadow:4px 4px 4px  
4px #5DE79E }
```

# Background

The CSS property to change the background color of an element to Hex 5DE79E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE79E }
```

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

```
.background{ background-color:#5DE79E }
```

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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