

# Converting Colors

Hex(5ED397)

Have a look what the booklet for  
Hex(5ED397) contains.

<b>Hex(5ED397)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5ED397)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5ED397
RGB	94, 211, 151
RGB Percent	37%, 83%, 59%
CMY	0.6314, 0.1725, 0.4078
CMYK	0.55, 0.00, 0.28, 0.17
HSL	149°, 57%, 60%
HSV	149°, 55%, 83%
XYZ	33.4963, 51.2026, 37.3958
YIQ	169.1770, -50.4720, -43.4640

# Conversions

## Conversions Part 2

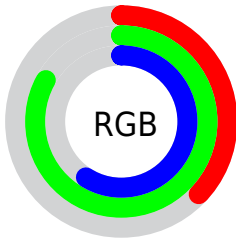
Format	Color
<a href="#">RYB</a>	<a href="#">94, 173, 211</a>
Decimal	<a href="#">6214551</a>
CIELab	<a href="#">76.80, -46.83, 19.94</a>
CIELCh	<a href="#">77, 50.901, 156.935</a>
Yxy	<a href="#">51.2026, 0.2743, 0.4194</a>
Android (android.graphics.Color)	<a href="#">4284404631 (0xFF5ED397)</a>
YUV	<a href="#">169.1770, -8.9613, -65.9302</a>
Hunter-Lab	<a href="#">71.5560, -41.6648, 19.1037</a>

# Details

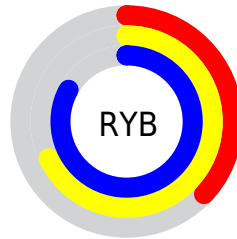
The Hex color **5ED397** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D35E9A**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **98FFCD**, and **189C64** is the 20% darker color. If you saturate the color by 10%, you get **49D38C**, and if you desaturate by 10%, it is **73D3A2**.

# Distribution



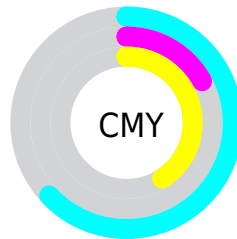
- Red (37%)
- Green (83%)
- Blue (59%)



- Red (37%)
- Yellow (68%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5ED397 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 5ED397 by changing the saturation by 10% instead.



 5ED397

 5ED397

FFFFFF

 3FB77D

 98FFCD

 189C64

 B6FFEA

 00814C

 D3FFFF

 006734

 F1FFFF

 004E1E

 003608

 002000

 000000

 5ED397

 5ED397

 49D38C

 73D3A2

 34D381

 88D3AD

 1FD377

 9DD3B7

 0AD36C

 B2D3C2

 00D367

 C8D3CD

 DDD3D8

 F2D3E3

 FFD3EE

 FFD3F8

# Harmonies

## Analogous

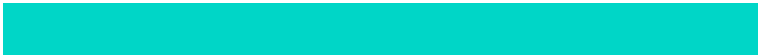
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ECB70



5ED397



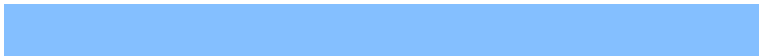
00D6C7

# Triad

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



5ED397



84BFFF



FF9E87

# Complementary

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



5ED397



D35E9A

# 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.



FF97B4



5ED397



D0ADFF

# Square

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



5ED397



00CCFF



FF9DE3



F8AE67

# Rectangle

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



5ED397



00D5E7



FF9DE3



FF9A95

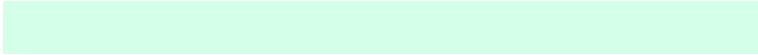


# Sweetspot

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



5ED397



D4FFE9



9AD35E



668072



000000



808080



# Same Dimension

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



5ED397



54FFA7



5ED3D1



5E6963



00A852



002914



# Inverse Universe

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



D35E9A



FF54AC



D35E60



695E63



A80056

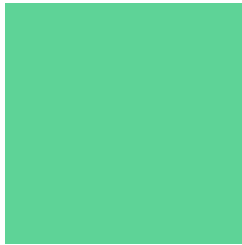


290015



# Previews

## White Background



This preview shows how the Hex color 5ED397 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 5ED397 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

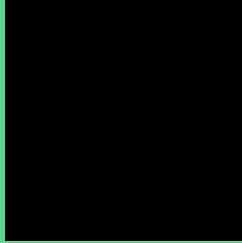
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5ED397 Background



This preview shows how black text looks on a background with the Hex color 5ED397.

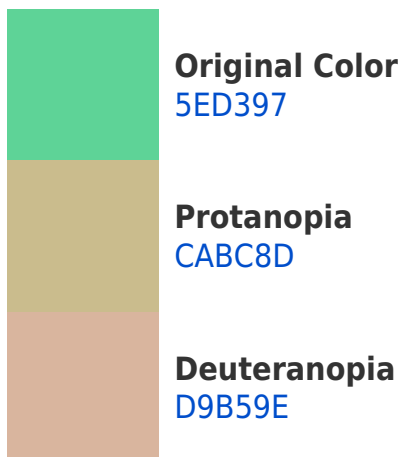


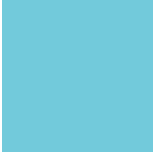
This preview shows how white text looks on a background with the Hex color 5ED397.

# 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**  
72CADB

# Trichromacy



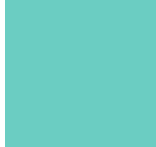
**Original Color**  
5ED397



**Protanomaly**  
A3C491



**Deuteranomaly**  
ACC09B



**Tritanomaly**  
6BCDC2

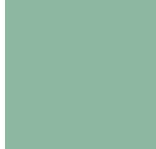
# Monochromacy



**Original Color**  
5ED397



**Achromatopsia**  
A9A9A9



**Achromatomaly**  
8EB8A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5ED397 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 #5ED397 looks like.

```
.text, #text, p{  
    color:#5ED397  
}
```

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 #5ED397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5ED397  
}
```

## Border

The CSS property to change the border of an element to Hex 5ED397 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  
#5ED397 }
```

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

```
.border{ border-color:#5ED397 }
```

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

Here you see how a box with a 4 pixel #5ED397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5ED397; -webkit-box-shadow:4px 4px  
4px 4px #5ED397; box-shadow:4px 4px 4px  
4px #5ED397 }
```

# Background

The CSS property to change the background color of an element to Hex 5ED397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5ED397 }
```

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

```
.background{ background-color:#5ED397 }
```

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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