

Converting Colors

Hex(4EE399)

Have a look what the booklet for
Hex(4EE399) contains.

Hex(4EE399)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4EE399)

Conversions

Conversions Part 1

Format	Color
Hex	4EE399
RGB	78, 227, 153
RGB Percent	31%, 89%, 60%
CMY	0.6941, 0.1098, 0.4000
CMYK	0.66, 0.00, 0.33, 0.11
HSL	150°, 73%, 60%
HSV	150°, 66%, 89%
XYZ	36.3607, 58.8578, 39.5813
YIQ	174.0130, -65.0500, -54.6020

Conversions

Conversions Part 2

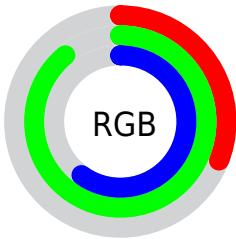
Format	Color
RYB	78, 177, 227
Decimal	5170073
CIELab	81.21, -56.06, 24.87
CIELCh	81, 61.325, 156.074
Yxy	58.8578, 0.2697, 0.4366
Android (android.graphics.Color)	4283360153 (0xFF4EE399)
YUV	174.0130, -10.3594, -84.2034
Hunter-Lab	76.7188, -49.6582, 23.1139

Details

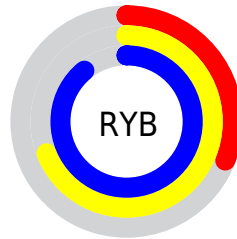
The Hex color **4EE399** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **E34E98**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8EFFD0**, and **00AA65** is the 20% darker color. If you saturate the color by 10%, you get **37E38E**, and if you desaturate by 10%, it is **65E3A4**.

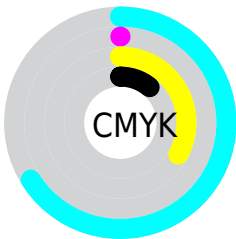
Distribution



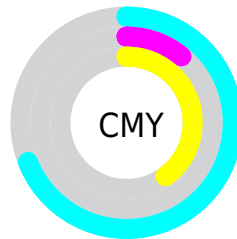
- Red (31%)
- Green (89%)
- Blue (60%)



- Red (31%)
- Yellow (69%)
- Blue (89%)



- Cyan (66%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EE399 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 4EE399 by changing the saturation by 10% instead.

 4EE399

 4EE399

FFFFFF

 26C67F

 8EFFD0

 00AA65

 ACFFEC

 008F4D

 CAFFFF

 007535

 E9FFFF

 005B1F

 004208

 002B00

 000800

 000000

 4EE399

 4EE399

 37E38E

 65E3A4

 21E382

 7BE3B0

 0AE377

 92E3BB

 00E372

 A9E3C6

 C0E3D1

 D6E3DD

 EDE3E8

 FFE3F3

 FFE3FE

Harmonies

Analogous

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



A3DA69



4EE399



00E7D4

Triad

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



4EE399



77CCFF



FFA289

Complementary

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



4EE399



E34E98

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.



FF98C0



4EE399



DDB6FF

Square

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



4EE399



00DCFF



FFA1F9



FFB660

Rectangle

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



4EE399



00E6FA



FFA1F9



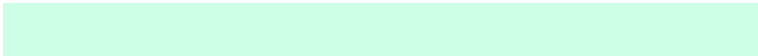
FF9C9A

Sweetspot

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



4EE399



CCFFE6



99E34E



618070



000000



808080

Same Dimension

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



4EE399



36FF9B



4EE3E3



67736D



00B35A



00331A

Inverse Universe

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



E34E98



FF369A



E34E4E



73676D



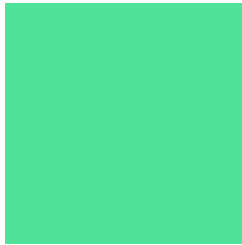
B30059



330019

Previews

White Background



This preview shows how the Hex color 4EE399 looks on a white background.

Color Contrast Check

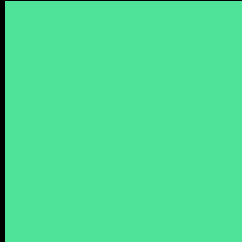
Large Text (above 18pt) WCAG AA × Fail

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 4EE399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

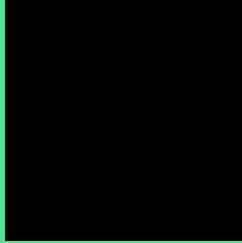
Any Text WCAG AA ✓ Pass

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 4EE399 Background



This preview shows how black text looks on a background with the Hex color 4EE399.

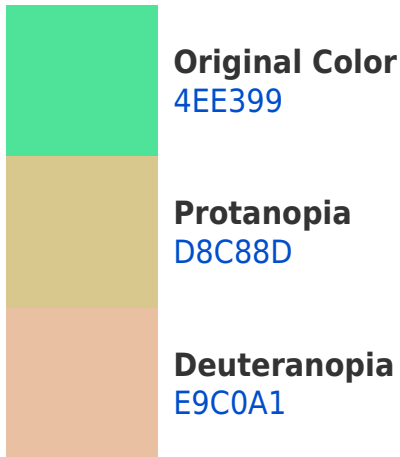


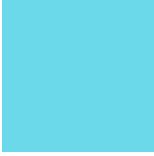
This preview shows how white text looks on a background with the Hex color 4EE399.

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](#).

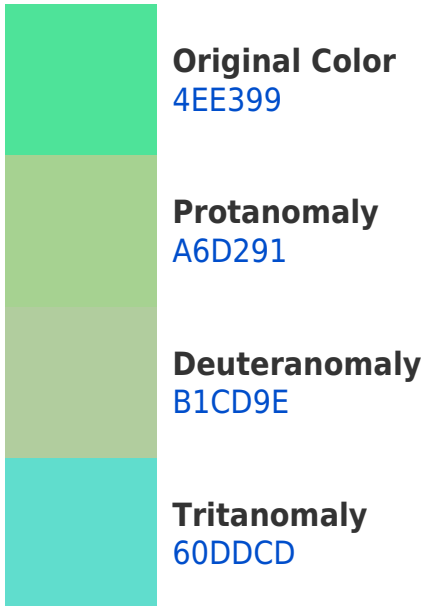
Dichromacy



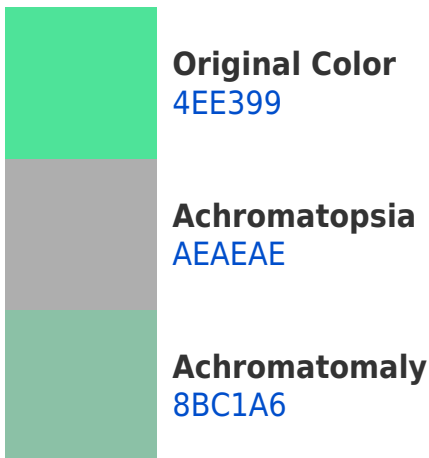


Tritanopia
6BD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EE399 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 #4EE399 looks like.

```
.text, #text, p{  
    color:#4EE399  
}
```

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 #4EE399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE399
}
```

Border

The CSS property to change the border of an element to Hex 4EE399 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
#4EE399 }
```

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

```
.border{ border-color:#4EE399 }
```

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

Here you see how a box with a 4 pixel #4EE399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE399; -webkit-box-shadow:4px 4px  
4px 4px #4EE399; box-shadow:4px 4px 4px  
4px #4EE399 }
```

Background

The CSS property to change the background color of an element to Hex 4EE399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE399 }
```

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

```
.background{ background-color:#4EE399 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor