

# Converting Colors

Hex(C6E399)

Have a look what the booklet for  
Hex(C6E399) contains.

<b>Hex(C6E399)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C6E399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6E399
RGB	198, 227, 153
RGB Percent	78%, 89%, 60%
CMY	0.2235, 0.1098, 0.4000
CMYK	0.13, 0.00, 0.33, 0.11
HSL	84°, 57%, 75%
HSV	84°, 33%, 89%
XYZ	56.5076, 69.2438, 40.5241
YIQ	209.8930, 6.4700, -29.1620

# Conversions

## Conversions Part 2

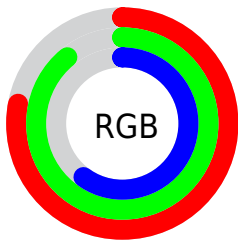
Format	Color
<a href="#">RYB</a>	<a href="#">153, 227, 182</a>
Decimal	<a href="#">13034393</a>
CIELab	<a href="#">86.62, -21.92, 33.08</a>
CIELCh	<a href="#">87, 39.680, 123.531</a>
Yxy	<a href="#">69.2438, 0.3398, 0.4164</a>
Android (android.graphics.Color)	<a href="#">4291224473 (0xFFC6E399)</a>
YUV	<a href="#">209.8930, -28.0482, -10.4302</a>
Hunter-Lab	<a href="#">83.2129, -24.4082, 29.3752</a>

# Details

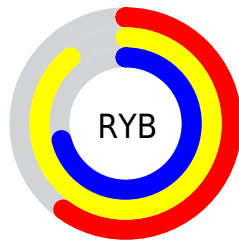
The Hex color **C6E399** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B699E3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFFD0**, and **8FAC65** is the 20% darker color. If you saturate the color by 10%, you get **BDE382**, and if you desaturate by 10%, it is **CFE3B0**.

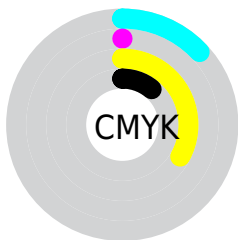
# Distribution



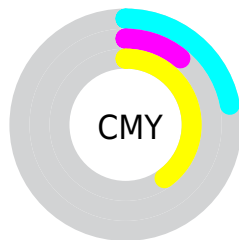
- Red (78%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (71%)



- Cyan (13%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C6E399 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 C6E399 by changing the saturation by 10% instead.



 C6E399

FFFFFF

 FFFFD0

 FFFFEC

 C6E399

 AAC77F


 8FAC65

 75914C

 5B7734

 435E1D

 2A4704

 143000

 001D00

 000000

 C6E399

 C6E399

 BDE382

 CFE3B0

 B4E36C

 D8E3C6

 ABE355


 E1E3DD

 A2E33E

 EAE3F4

 9AE328

 F2E3FF

 91E311

 FBE3FF

 8AE300

 FFE3FF

# Harmonies

## Analogous

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



EED88D



C6E399



99EAB6

# Triad

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



C6E399



73E6FF



FFBCD6

# Complementary

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



C6E399



B699E3

# Split Complementary

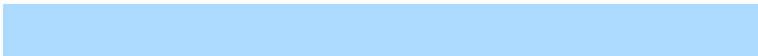
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FB



C6E399



ACDBFF

# Square

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



C6E399



55ECFF



E4CEFF



FFC0B1

# Rectangle

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



C6E399



7BEDCF



E4CEFF



FFBDE3



# Sweetspot

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



C6E399



F5FFE6



E3B599



7A8070



000000



808080



# Same Dimension

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



C6E399



D8FF9C



A2E399



6E7367



6DB300



1F3300



# Inverse Universe

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



B699E3



C39CFF



DA99E3



6C6773



4600B3



140033



# Previews

## White Background



This preview shows how the Hex color C6E399 looks on a white background.

## Color Contrast Check

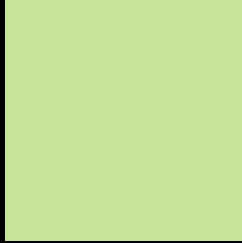
Large Text (above 18pt) WCAG AA × Fail

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 C6E399 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

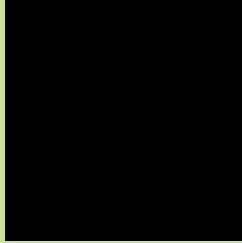
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C6E399 Background



This preview shows how black text looks on a background with the Hex color C6E399.

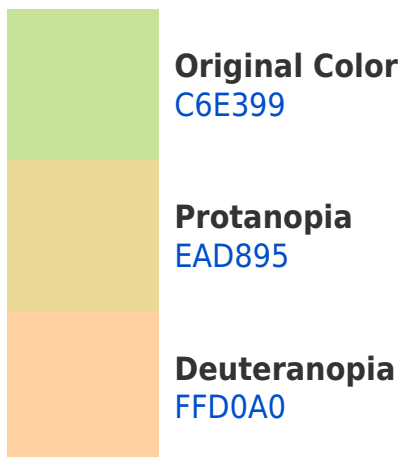


This preview shows how white text looks on a background with the Hex color C6E399.

# 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](#).

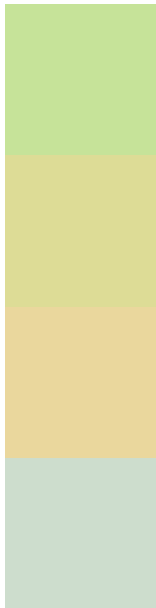
## Dichromacy





**Tritanopia**  
D1D9EA

# Trichromacy



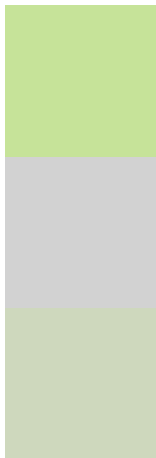
**Original Color**  
C6E399

**Protanomaly**  
DDDC96

**Deuteranomaly**  
EAD79D

**Tritanomaly**  
CDDDCD

# Monochromacy



**Original Color**  
C6E399

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
CED8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C6E399 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 #C6E399 looks like.

```
.text, #text, p{  
    color:#C6E399  
}
```

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 #C6E399 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E399
}
```

## Border

The CSS property to change the border of an element to Hex C6E399 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
#C6E399 }
```

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

```
.border{ border-color:#C6E399 }
```

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

Here you see how a box with a 4 pixel #C6E399 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E399; -webkit-box-shadow:4px 4px  
4px 4px #C6E399; box-shadow:4px 4px 4px  
4px #C6E399 }
```

# Background

The CSS property to change the background color of an element to Hex C6E399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E399 }
```

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

```
.background{ background-color:#C6E399 }
```

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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