

Converting Colors

Hex(C1E689)

Have a look what the booklet for
Hex(C1E689) contains.

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Color

Hex(C1E689)

Conversions

Conversions Part 1

Format	Color
Hex	C1E689
RGB	193, 230, 137
RGB Percent	76%, 90%, 54%
CMY	0.2431, 0.0980, 0.4627
CMYK	0.16, 0.00, 0.40, 0.10
HSL	84°, 65%, 72%
HSV	84°, 40%, 90%
XYZ	54.8045, 69.7372, 34.2390
YIQ	208.3350, 7.8010, -36.7670

Conversions

Conversions Part 2

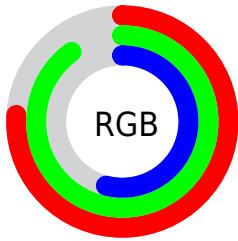
Format	Color
RYB	137, 230, 174
Decimal	12707465
CIELab	86.87, -27.23, 41.35
CIELCh	87, 49.516, 123.366
Yxy	69.7372, 0.3452, 0.4392
Android (android.graphics.Color)	4290897545 (0xFFC1E689)
YUV	208.3350, -35.1682, -13.4488
Hunter-Lab	83.5088, -28.9959, 34.1470

Details

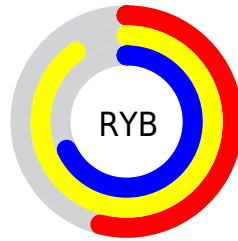
The Hex color **C1E689** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AE89E6**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FBFFC0**, and **8AAE55** is the 20% darker color. If you saturate the color by 10%, you get **B8E672**, and if you desaturate by 10%, it is **CAE6A0**.

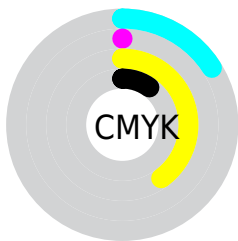
Distribution



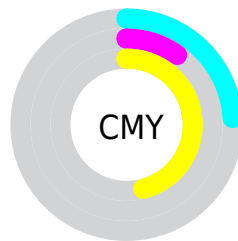
- Red (76%)
- Green (90%)
- Blue (54%)



- Red (54%)
- Yellow (90%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1E689 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 C1E689 by changing the saturation by 10% instead.

 C1E689

 C1E689

FFFFFF

 A5CA6F

 FBFFC0

 8AAE55

 FFFFDC


 6F943C

 FFFFF9

 557A23

 3C6106

 234900

 063200

 001F00

 000000

 C1E689

 C1E689

 B8E672

 CAE6A0

 AFE65B

 D3E6B7

 A6E644

 DCE6CE

 9CE62D

 E6E6E5

 93E616

 EFE6FC

 8AE600

 F8E6FF

 FFE6FF

Harmonies

Analogous

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



F2D97A



C1E689



87EFAE

Triad

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



C1E689



31EAF7



FFB4D6

Complementary

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



C1E689



AE89E6

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.



FFBBFF



C1E689



9BDCFF

Square

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



C1E689



00F1FF



E5CBFF



FFB9A8

Rectangle

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



C1E689



57F2CD



E5CBFF



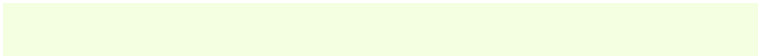
FFB5E6

Sweetspot

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



C1E689



F3FFE0



E6AD89



78806E



000000



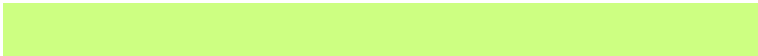
808080

Same Dimension

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



C1E689



CDFF82



94E689



6E7367



6BB300



1F3300

Inverse Universe

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



AE89E6



B482FF



DB89E6



6C6773



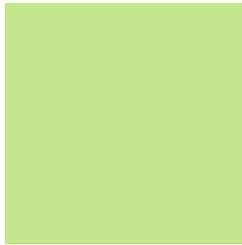
4700B3



140033

Previews

White Background



This preview shows how the Hex color C1E689 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 C1E689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

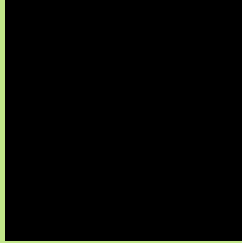
Any Text WCAG AA ✓ Pass

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 C1E689 Background



This preview shows how black text looks on a background with the Hex color C1E689.

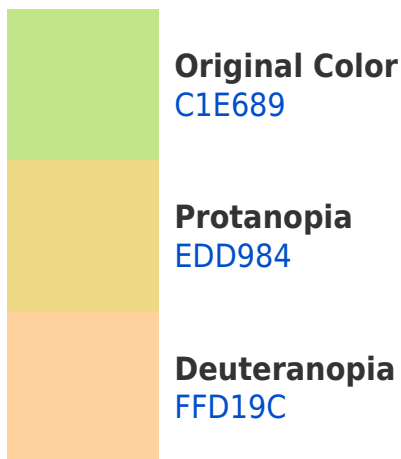


This preview shows how white text looks on a background with the Hex color C1E689.

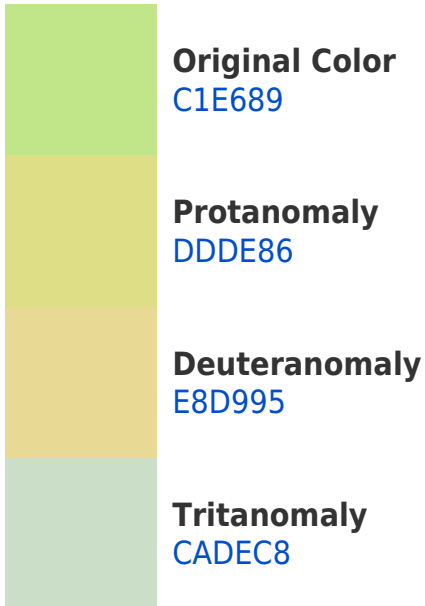
Color Blindness Simulation

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](#).

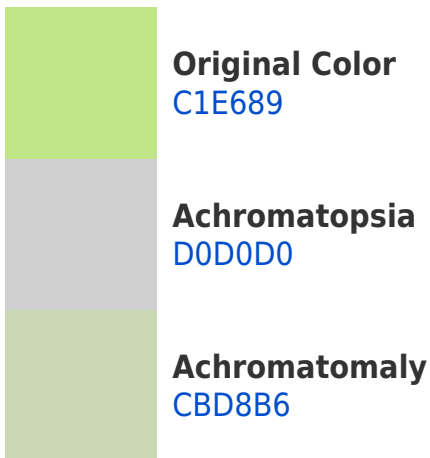
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C1E689 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 #C1E689 looks like.

```
.text, #text, p{  
    color:#C1E689  
}
```

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 #C1E689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E689
}
```

Border

The CSS property to change the border of an element to Hex C1E689 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
#C1E689 }
```

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

```
.border{ border-color:#C1E689 }
```

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

Here you see how a box with a 4 pixel #C1E689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E689; -webkit-box-shadow:4px 4px  
4px 4px #C1E689; box-shadow:4px 4px 4px  
4px #C1E689 }
```

Background

The CSS property to change the background color of an element to Hex C1E689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E689 }
```

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

```
.background{ background-color:#C1E689 }
```

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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