

Converting Colors

Hex(C6E34B)

Have a look what the booklet for
Hex(C6E34B) contains.

Hex(C6E34B)	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(C6E34B)

Conversions

Conversions Part 1

Format	Color
Hex	C6E34B
RGB	198, 227, 75
RGB Percent	78%, 89%, 29%
CMY	0.2235, 0.1098, 0.7059
CMYK	0.13, 0.00, 0.67, 0.11
HSL	71°, 73%, 59%
HSV	71°, 67%, 89%
XYZ	52.0278, 67.4519, 16.9340
YIQ	201.0010, 31.5080, -53.4200

Conversions

Conversions Part 2

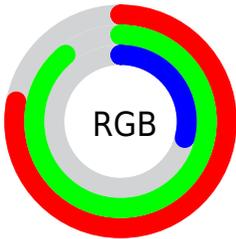
Format	Color
RYB	75, 227, 104
Decimal	13034315
CIELab	85.73, -29.49, 67.84
CIELCh	86, 73.975, 113.491
Yxy	67.4519, 0.3814, 0.4945
Android (android.graphics.Color)	4291224395 (0xFFC6E34B)
YUV	201.0010, -62.1185, -2.6319
Hunter-Lab	82.1291, -30.6484, 45.2655

Details

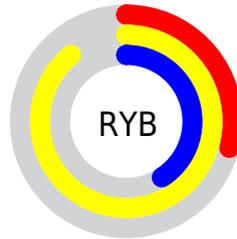
The Hex color **C6E34B** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **684BE3**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **FFFF83**, and **8DAC00** is the 20% darker color. If you saturate the color by 10%, you get **C2E334**, and if you desaturate by 10%, it is **CAE362**.

Distribution



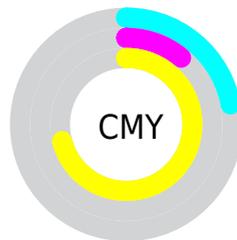
- Red (78%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (41%)



- Cyan (13%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6E34B 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 C6E34B by changing the saturation by 10% instead.

 C6E34B

 C6E34B

FFFFFF

 A9C72D

 FFFF83

 8DAC00

 FFFF9F

 719100

 FFFFBC

 557700

 FFFFD9

 3A5E00

 FFFFF6

 1D4700

 003000

 001C00

 000000

 C6E34B

 C6E34B

 C2E334

 CAE362

 BDE31E

 CFE378

 B9E307

 D3E38F

 B8E300

 D7E3A6

 DCE3BD

 E0E3D3

 E4E3EA

 E9E3FF

 EDE3FF

Harmonies

Analogous

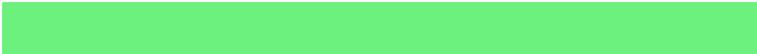
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFCD41



C6E34B



6CF17F

Triad

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



C6E34B



00F2FF



FF97E9

Complementary

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



C6E34B



684BE3

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.



FFADFF



C6E34B



00E3FF

Square

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



C6E34B



00F8FF



BECAFF



FF9BA3

Rectangle

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



C6E34B



00F6AC



BECAFF



FF9CFF

Sweetspot

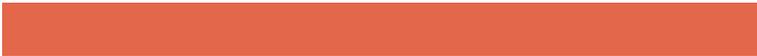
The Sweet Spot groups the original color and five complimentary colors.



C6E34B



F5FFCC



E3674B



7A8061



000000



808080

Same Dimension

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



C6E34B



D8FF33



7BE34B



717367



90B300



293300

Inverse Universe

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



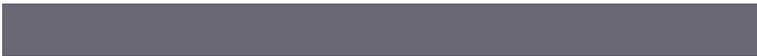
684BE3



5A33FF



B34BE3



696773



2200B3



0A0033

Previews

White Background



This preview shows how the Hex color C6E34B looks on a white background.

Color Contrast Check

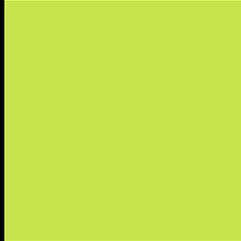
Large Text (above 18pt) WCAG AA × Fail

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 C6E34B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

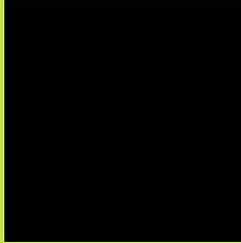
Any Text WCAG AA ✓ Pass

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 C6E34B Background



This preview shows how black text looks on a background with the Hex color C6E34B.

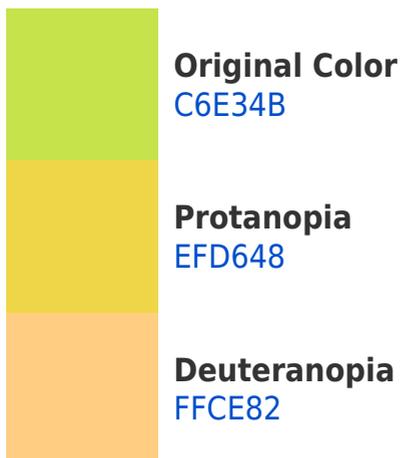


This preview shows how white text looks on a background with the Hex color C6E34B.

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](#).

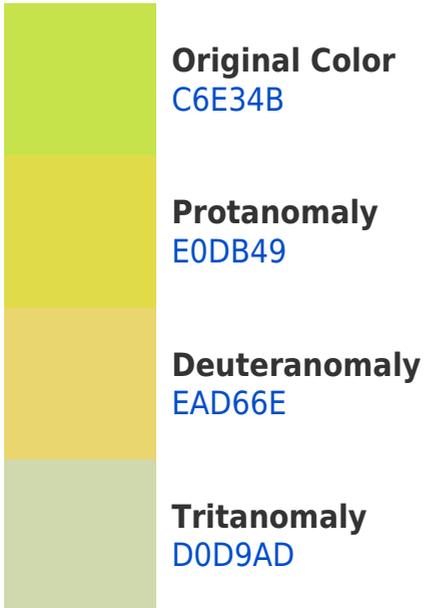
Dichromacy



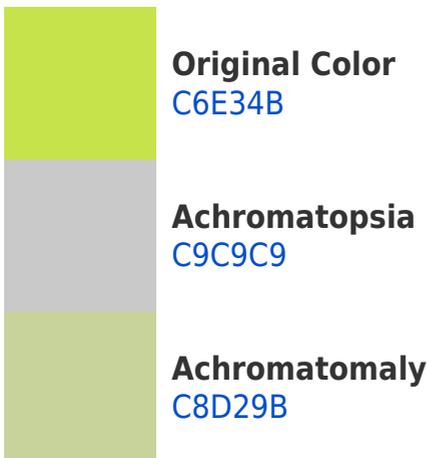


Tritanopia
D6D4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C6E34B 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 #C6E34B looks like.

```
.text, #text, p{  
    color:#C6E34B  
}
```

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 #C6E34B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6E34B
}
```

Border

The CSS property to change the border of an element to Hex C6E34B 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
#C6E34B }
```

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

```
.border{ border-color:#C6E34B }
```

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

Here you see how a box with a 4 pixel #C6E34B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6E34B; -webkit-box-shadow:4px 4px  
4px 4px #C6E34B; box-shadow:4px 4px 4px  
4px #C6E34B }
```

Background

The CSS property to change the background color of an element to Hex C6E34B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6E34B }
```

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

```
.background{ background-color:#C6E34B }
```

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