

Converting Colors

Hex(C6EC85)

Have a look what the booklet for
Hex(C6EC85) contains.

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Color

Hex(C6EC85)

Conversions

Conversions Part 1

Format	Color
Hex	C6EC85
RGB	198, 236, 133
RGB Percent	78%, 93%, 52%
CMY	0.2235, 0.0745, 0.4784
CMYK	0.16, 0.00, 0.44, 0.07
HSL	82°, 73%, 72%
HSV	82°, 44%, 93%
XYZ	57.5178, 73.6901, 33.3824
YIQ	212.8960, 10.4150, -40.0890

Conversions

Conversions Part 2

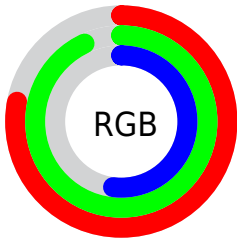
Format	Color
RYB	133, 236, 171
Decimal	13036677
CIELab	88.78, -28.70, 45.79
CIElCh	89, 54.039, 122.080
Yxy	73.6901, 0.3495, 0.4477
Android (android.graphics.Color)	4291226757 (0xFFC6EC85)
YUV	212.8960, -39.3887, -13.0638
Hunter-Lab	85.8430, -30.6239, 37.0335

Details

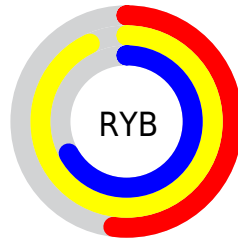
The Hex color **C6EC85** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **AB85EC**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFBC**, and **8EB451** is the 20% darker color. If you saturate the color by 10%, you get **BDEC6D**, and if you desaturate by 10%, it is **CFEC9D**.

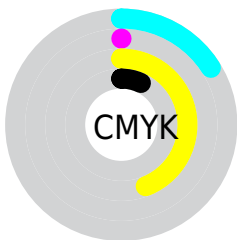
Distribution



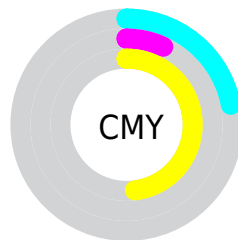
- Red (78%)
- Green (93%)
- Blue (52%)



- Red (52%)
- Yellow (93%)
- Blue (67%)



- Cyan (16%)
- Magenta (0%)
- Yellow (44%)
- Black (7%)



- Cyan (22%)
- Magenta (7%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color C6EC85 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 C6EC85 by changing the saturation by 10% instead.

 C6EC85

 C6EC85

FFFFFF

 AAD06B

 FFFFBC

 8EB451

 FFFFD8

 739937

 FFFFF5

 597F1D

 3F6600

 264E00

 083600

 002200

 000000

 C6EC85

 C6EC85

 BDEC6D

 CFEC9D

 B5EC56

 D7ECB4

 ACEC3E

 E0ECCC

 A3EC27

 E9ECE3

 9AEC0F

 F2ECFB

 95EC00

 FAECFF

 FFECFF

Harmonies

Analogous

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



FCDD76



C6EC85



85F6AD

Triad

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



C6EC85



00F1FF



FFB5DD

Complementary

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



C6EC85



AB85EC

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.



FFBEFF



C6EC85



93E3FF

Square

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



C6EC85



00F8FF



E8D0FF



FFBBAB

Rectangle

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



C6EC85



4AF9CF



E8D0FF



FFB6EF

Sweetspot

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



C6EC85



F3FFDE



ECAB85



78806B



000000



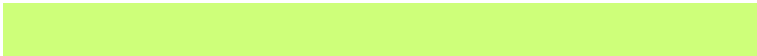
808080

Same Dimension

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



C6EC85



CEFF7A



93EC85



71756A



72B500



223600

Inverse Universe

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



AB85EC



AB7AFF



DE85EC



6E6A75



4300B5



140036

Previews

White Background



This preview shows how the Hex color C6EC85 looks on a white background.

Color Contrast Check

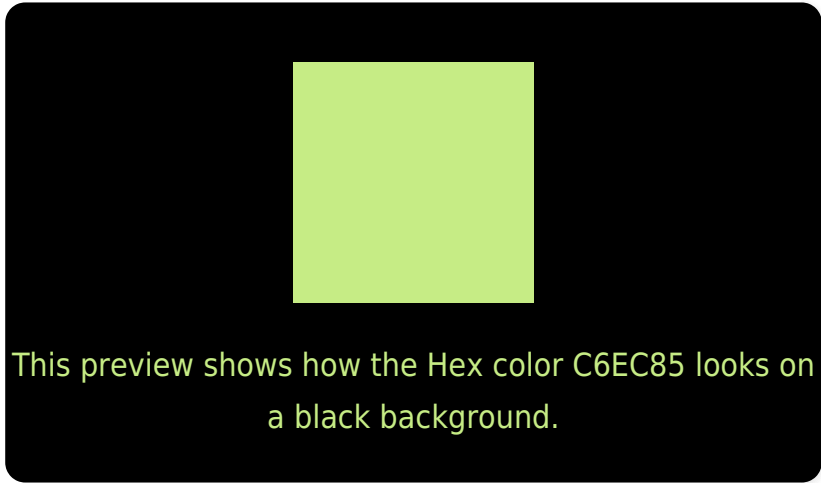
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 C6EC85 Background



This preview shows how black text looks on a background with the Hex color C6EC85.

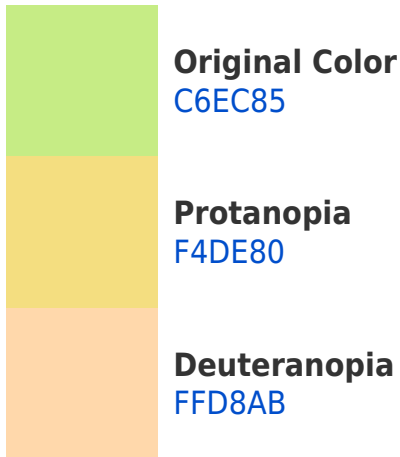


This preview shows how white text looks on a background with the Hex color C6EC85.

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
D4DFF1

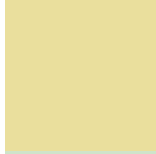
Trichromacy



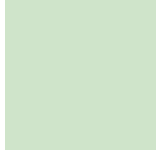
Original Color
C6EC85



Protanomaly
E3E382



Deuteranomaly
EADF9D

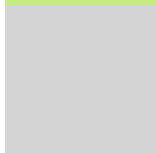


Tritanomaly
CFE4CA

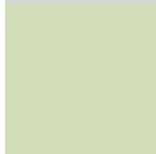
Monochromacy



Original Color
C6EC85



Achromatopsia
D5D5D5



Achromatomaly
D0DDB8

CSS Examples

Text

The CSS property to change the color of the text to Hex C6EC85 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 #C6EC85 looks like.

```
.text, #text, p{  
    color:#C6EC85  
}
```

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 #C6EC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C6EC85
}
```

Border

The CSS property to change the border of an element to Hex C6EC85 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
#C6EC85 }
```

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

```
.border{ border-color:#C6EC85 }
```

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

Here you see how a box with a 4 pixel #C6EC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C6EC85; -webkit-box-shadow:4px 4px  
4px 4px #C6EC85; box-shadow:4px 4px 4px  
4px #C6EC85 }
```

Background

The CSS property to change the background color of an element to Hex C6EC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C6EC85 }
```

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

```
.background{ background-color:#C6EC85 }
```

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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