

Converting Colors

Hex(C3EC76)

Have a look what the booklet for
Hex(C3EC76) contains.

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Color

Hex(C3EC76)

Conversions

Conversions Part 1

Format	Color
Hex	C3EC76
RGB	195, 236, 118
RGB Percent	76%, 93%, 46%
CMY	0.2353, 0.0745, 0.5373
CMYK	0.17, 0.00, 0.50, 0.07
HSL	81°, 76%, 69%
HSV	81°, 50%, 93%
XYZ	55.7711, 72.9010, 28.2714
YIQ	210.2890, 13.4420, -45.3900

Conversions

Conversions Part 2

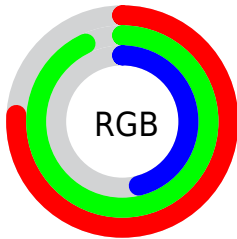
Format	Color
RYB	118, 236, 159
Decimal	12840054
CIELab	88.40, -31.41, 52.41
CIELCh	88, 61.099, 120.934
Yxy	72.9010, 0.3554, 0.4645
Android (android.graphics.Color)	4291030134 (0xFFC3EC76)
YUV	210.2890, -45.4985, -13.4085
Hunter-Lab	85.3821, -32.8234, 40.1356

Details

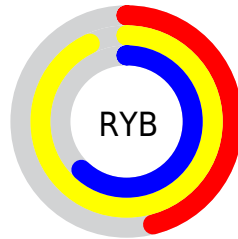
The Hex color **C3EC76** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **9F76EC**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FDFPAD**, and **8BB441** is the 20% darker color. If you saturate the color by 10%, you get **BBEC5E**, and if you desaturate by 10%, it is **CBEC8E**.

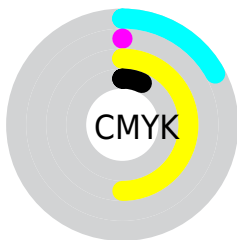
Distribution



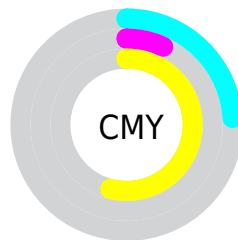
- Red (76%)
- Green (93%)
- Blue (46%)



- Red (46%)
- Yellow (93%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (50%)
- Black (7%)



- Cyan (24%)
- Magenta (7%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3EC76 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 C3EC76 by changing the saturation by 10% instead.

 C3EC76

 C3EC76

FFFFFF

 A7D05B

 FDFAD

 8BB441

 FFFC9

 709926

 FFFE5

 557F01

 3A6600

 204D00

 003600

 002200

 000000

 C3EC76

 C3EC76

 BBEC5E

 CBEC8E

 B3EC47

 D3ECA5

 AAEC2F

 DCECBD

 A2EC18

 E4ECD4

 9AEC00

 ECECEC

 F4ECFF

 FCECFF

 FFECCF

Harmonies

Analogous

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



FFDB66



C3EC76



77F7A3

Triad

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



C3EC76



00F3FF



FFADDE

Complementary

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



C3EC76



9F76EC

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.



FFB8FF



C3EC76



78E3FF

Square

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



C3EC76



00FAFF



E4CEFF



FFB3A5

Rectangle

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



C3EC76



06FACA



E4CEFF



FFAFF2

Sweetspot

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



C3EC76



F2FFD9



EC9D76



788069



000000



808080

Same Dimension

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



C3EC76



CAFF66



8AEC76



71756A



76B500



233600

Inverse Universe

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



9F76EC



9B66FF



D876EC



6E6A75



3F00B5



130036

Previews

White Background



This preview shows how the Hex color C3EC76 looks on a white background.

Color Contrast Check

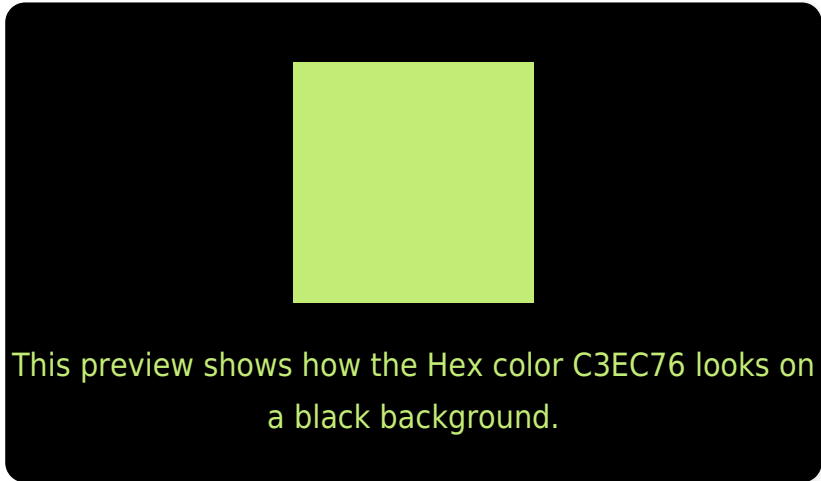
Large Text (above 18pt) WCAG AA × Fail

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 C3EC76 Background



This preview shows how black text looks on a background with the Hex color C3EC76.

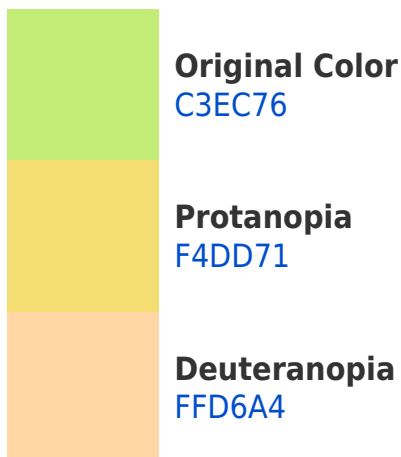


This preview shows how white text looks on a background with the Hex color C3EC76.

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](#).

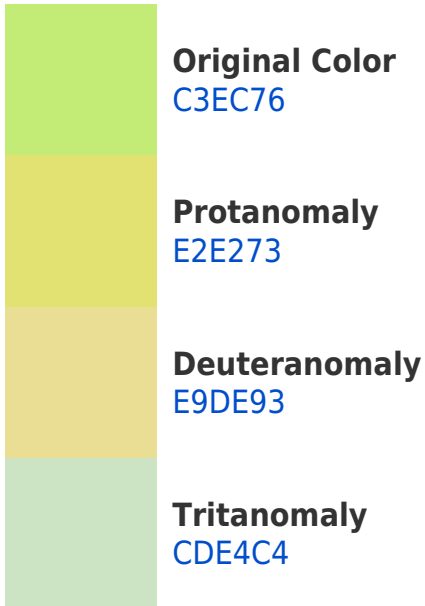
Dichromacy



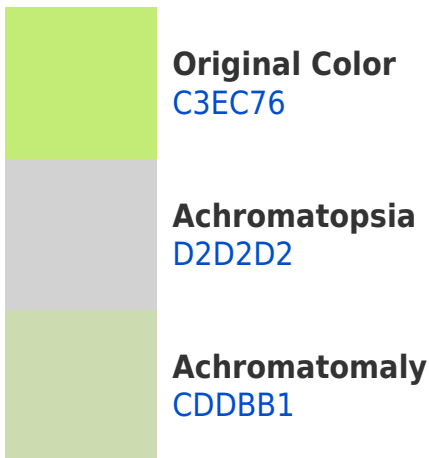


Tritanopia
D3DFF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C3EC76 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 #C3EC76 looks like.

```
.text, #text, p{  
    color:#C3EC76  
}
```

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 #C3EC76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3EC76
}
```

Border

The CSS property to change the border of an element to Hex C3EC76 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
#C3EC76 }
```

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

```
.border{ border-color:#C3EC76 }
```

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

Here you see how a box with a 4 pixel #C3EC76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3EC76; -webkit-box-shadow:4px 4px  
4px 4px #C3EC76; box-shadow:4px 4px 4px  
4px #C3EC76 }
```

Background

The CSS property to change the background color of an element to Hex C3EC76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3EC76 }
```

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

```
.background{ background-color:#C3EC76 }
```

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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