

Converting Colors

Hex(BEC44E)

Have a look what the booklet for
Hex(BEC44E) contains.

Hex(BEC44E)	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(BEC44E)

Conversions

Conversions Part 1

Format	Color
Hex	BEC44E
RGB	190, 196, 78
RGB Percent	75%, 77%, 31%
CMY	0.2549, 0.2314, 0.6941
CMYK	0.03, 0.00, 0.60, 0.23
HSL	63°, 50%, 54%
HSV	63°, 60%, 77%
XYZ	42.3503, 50.9771, 14.8152
YIQ	180.7540, 34.3020, -37.9700

Conversions

Conversions Part 2

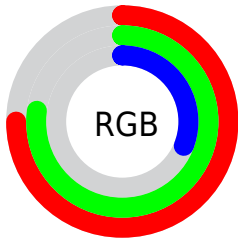
Format	Color
RYB	78, 196, 84
Decimal	12502094
CIELab	76.67, -17.52, 56.90
CIELCh	77, 59.537, 107.119
Yxy	50.9771, 0.3916, 0.4714
Android (android.graphics.Color)	4290692174 (0xFFBEC44E)
YUV	180.7540, -50.6577, 8.1087
Hunter-Lab	71.3982, -19.0686, 37.6760

Details

The Hex color **BEC44E** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted chartreuse. A complement of this color would be **544EC4**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **F9FC84**, and **868E14** is the 20% darker color. If you saturate the color by 10%, you get **BDC43A**, and if you desaturate by 10%, it is **BFC462**.

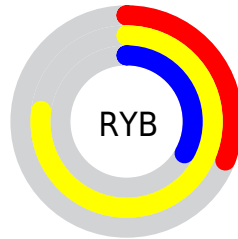
Distribution



Red (75%)

Green (77%)

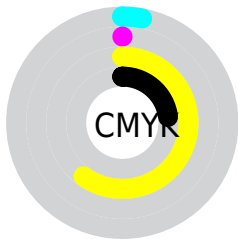
Blue (31%)



Red (31%)

Yellow (77%)

Blue (33%)

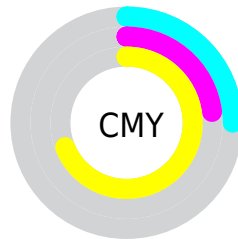


Cyan (3%)

Magenta (0%)

Yellow (60%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color BEC44E 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 BEC44E by changing the saturation by 10% instead.

 BEC44E

 BEC44E

FFFFFF

 A2A933

 F9FC84

 868E14

 FFFF9F

 6B7500

 FFFFBB

 505C00

 FFFFFD8

 364500

 FFFFF5

 1C2F00

 001B00

 000000

 BEC44E

 BEC44E

 BDC43A

 BFC462

 BCC427

 C0C475

 BBC413

 C1C489

 BAC400

 C2C49C

 C3C4B0

 C4C4C4

 C5C4D7

 C6C4EB

 C7C4FE

Harmonies

Analogous

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



F1B24F



BEC44E



7FD06F

Triad

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



BEC44E



00D5FF



FF90D7

Complementary

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



BEC44E



544EC4

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.



E9A2FF



BEC44E



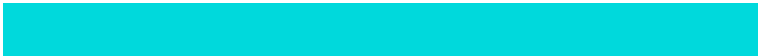
00CAFF

Square

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



BEC44E



00D9DC



98B8FF



FF8EA0

Rectangle

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



`BEC44E`



`40D690`



`98B8FF`



`FF95E9`

Sweetspot

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



BEC44E



FDFFD1



C4544E



7E8063



000000



808080

Same Dimension

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



BEC44E



F6FF47



83C44E



606157



98A100



1F2100

Inverse Universe

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



544EC4



5147FF



8F4EC4



585761



0800A1



020021

Previews

White Background



This preview shows how the Hex color BEC44E looks on a white background.

Color Contrast Check

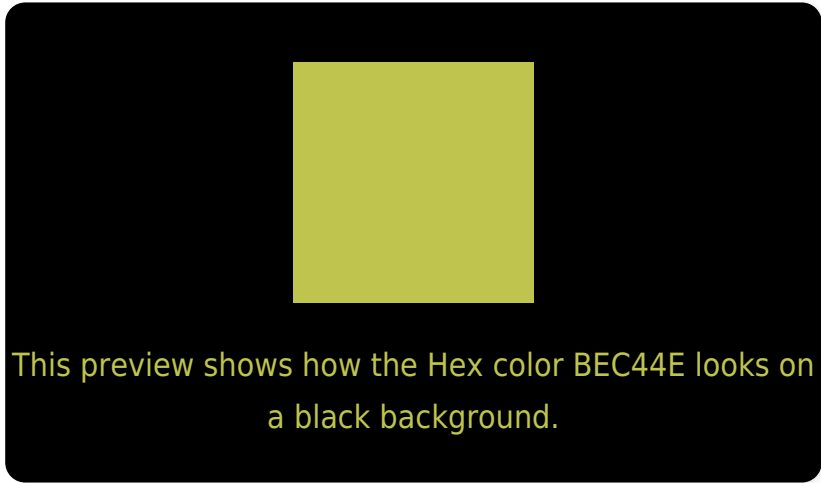
Large Text (above 18pt) WCAG AA × Fail

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 BEC44E Background



This preview shows how black text looks on a background with the Hex color BEC44E.

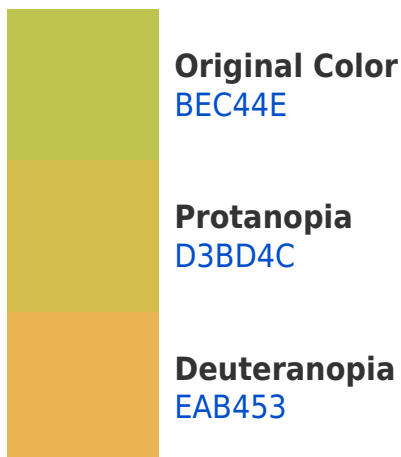


This preview shows how white text looks on a background with the Hex color BEC44E.

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](#).

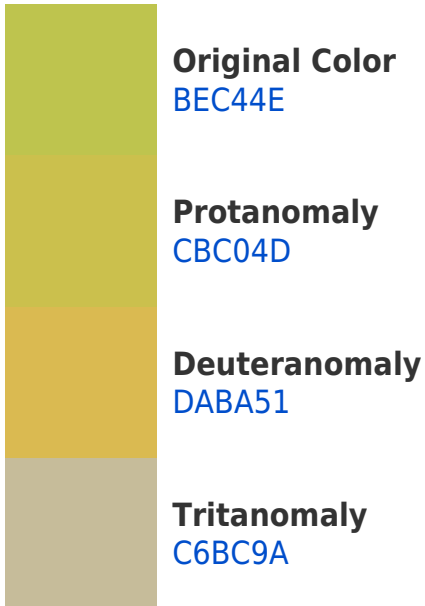
Dichromacy



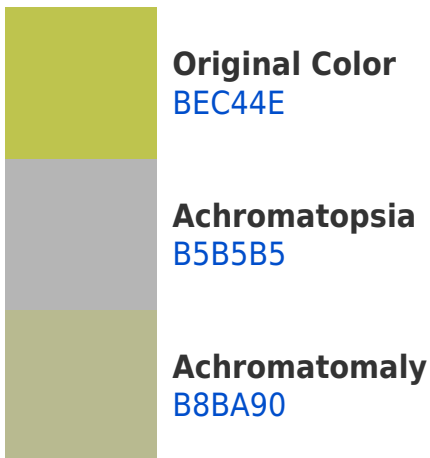


Tritanopia
CAB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BEC44E 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 #BEC44E looks like.

```
.text, #text, p{  
    color:#BEC44E  
}
```

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 #BEC44E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEC44E
}
```

Border

The CSS property to change the border of an element to Hex BEC44E 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
#BEC44E }
```

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

```
.border{ border-color:#BEC44E }
```

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

Here you see how a box with a 4 pixel #BEC44E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEC44E; -webkit-box-shadow:4px 4px  
4px 4px #BEC44E; box-shadow:4px 4px 4px  
4px #BEC44E }
```

Background

The CSS property to change the background color of an element to Hex BEC44E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEC44E }
```

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

```
.background{ background-color:#BEC44E }
```

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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