

Converting Colors

Hex(BED336)

Have a look what the booklet for
Hex(BED336) contains.

Hex(BED336)	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(BED336)

Conversions

Conversions Part 1

Format	Color
Hex	BED336
RGB	190, 211, 54
RGB Percent	75%, 83%, 21%
CMY	0.2549, 0.1725, 0.7882
CMYK	0.10, 0.00, 0.74, 0.17
HSL	68°, 64%, 52%
HSV	68°, 74%, 83%
XYZ	45.1953, 57.8020, 12.2649
YIQ	186.8230, 37.8810, -53.2790

Conversions

Conversions Part 2

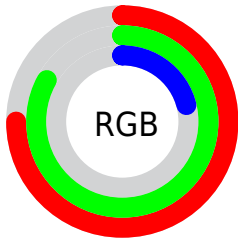
Format	Color
RYB	54, 211, 75
Decimal	12505910
CIELab	80.63, -26.24, 70.01
CIELCh	81, 74.768, 110.547
Yxy	57.8020, 0.3921, 0.5015
Android (android.graphics.Color)	4290695990 (0xFFBED336)
YUV	186.8230, -65.4817, 2.7862
Hunter-Lab	76.0276, -26.9374, 43.6546

Details

The Hex color **BED336** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted chartreuse. A complement of this color would be **4B36D3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **F9FF70**, and **859D00** is the 20% darker color. If you saturate the color by 10%, you get **BBD321**, and if you desaturate by 10%, it is **C1D34B**.

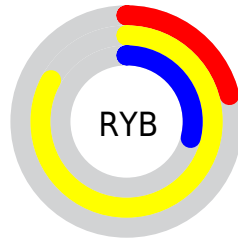
Distribution



Red (75%)

Green (83%)

Blue (21%)



Red (21%)

Yellow (83%)

Blue (29%)

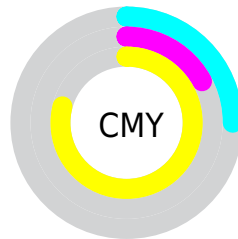


Cyan (10%)

Magenta (0%)

Yellow (74%)

Black (17%)



Cyan (25%)

Magenta (17%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color BED336 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 BED336 by changing the saturation by 10% instead.

 BED336

 BED336

FFFFFF

 A1B70F

 F9FF70

 859D00

 FFFF8C

 698200

 FFFFA9

 4E6900

 FFFFFC5

 325100

 FFFFFE3

 163A00

 002400

 000400

 000000

 BED336

 BED336

 BBD321

 C1D34B

 B8D30C

 C4D360

 B7D300

 C6D375

 C9D38A

 CCD3A0

 CFD3B5

 D2D3CA

 D5D3DF

 D7D3F4

Harmonies

Analogous

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



FFBD31



BED336



67E16A

Triad

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



BED336



00E4FF



FF89E1

Complementary

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



BED336



4B36D3

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.



FFA0FF



BED336



00D7FF

Square

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



BED336



00E9F7



A0BFFF



FF899B

Rectangle

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



BED336



00E697



A0BFFF



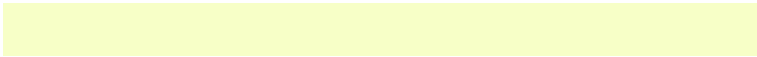
FF8FF8

Sweetspot

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



BED336



F7FFC7



D34B36



7B805E



000000



808080

Same Dimension

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



BED336



E1FF1C



70D336



67695E



92A800



232900

Inverse Universe

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



4B36D3



3A1CFF



9936D3



5F5E69



1700A8



050029

Previews

White Background



This preview shows how the Hex color BED336 looks on a white background.

Color Contrast Check

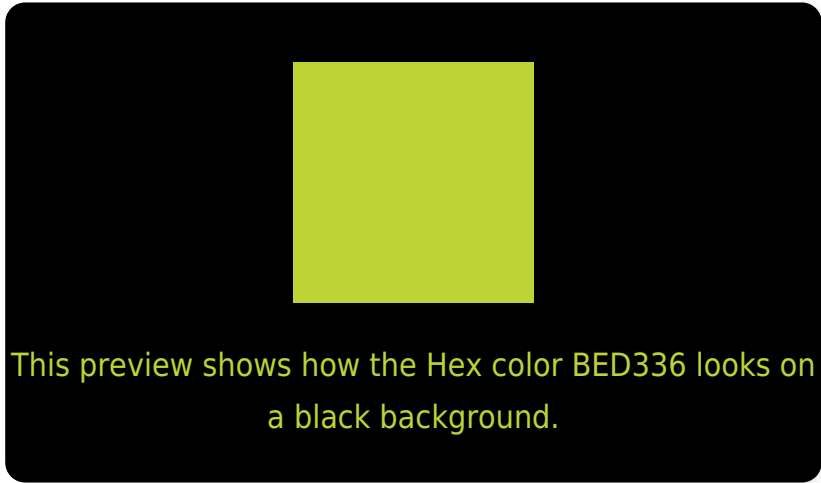
Large Text (above 18pt) WCAG AA × Fail

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 BED336 Background



This preview shows how black text looks on a background with the Hex color BED336.

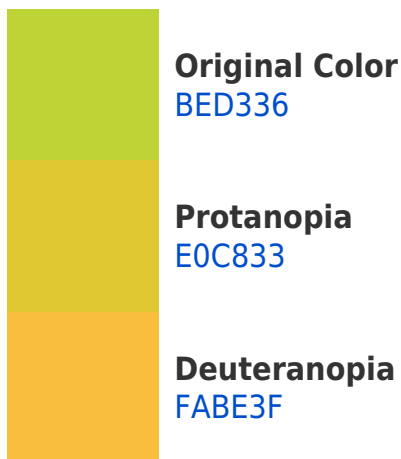


This preview shows how white text looks on a background with the Hex color BED336.

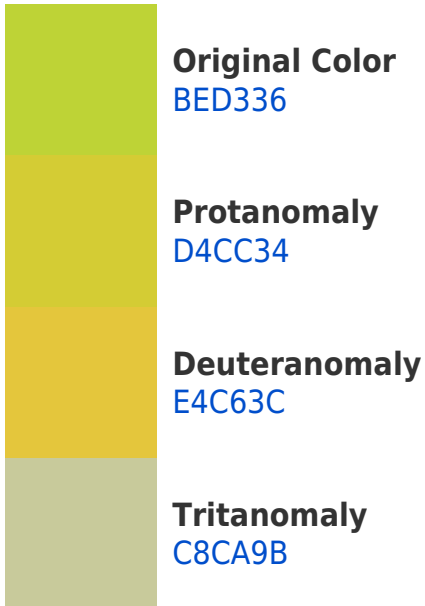
Color Blindness Simulation

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 BED336 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 #BED336 looks like.

```
.text, #text, p{  
    color:#BED336  
}
```

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 #BED336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED336
}
```

Border

The CSS property to change the border of an element to Hex BED336 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
#BED336 }
```

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

```
.border{ border-color:#BED336 }
```

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

Here you see how a box with a 4 pixel #BED336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED336; -webkit-box-shadow:4px 4px  
4px 4px #BED336; box-shadow:4px 4px 4px  
4px #BED336 }
```

Background

The CSS property to change the background color of an element to Hex BED336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED336 }
```

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

```
.background{ background-color:#BED336 }
```

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