

# Converting Colors

Hex(BED344)

Have a look what the booklet for  
Hex(BED344) contains.

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**Color**

**Hex(BED344)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BED344
RGB	190, 211, 68
RGB Percent	75%, 83%, 27%
CMY	0.2549, 0.1725, 0.7333
CMYK	0.10, 0.00, 0.68, 0.17
HSL	69°, 62%, 55%
HSV	69°, 68%, 83%
XYZ	45.5729, 57.9530, 14.2530
YIQ	188.4190, 33.3870, -48.9250

# Conversions

## Conversions Part 2

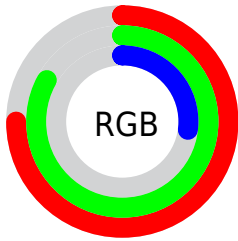
Format	Color
<a href="#">RYB</a>	<a href="#">68, 211, 89</a>
Decimal	<a href="#">12505924</a>
CIELab	<a href="#">80.71, -25.52, 65.20</a>
CIELCh	<a href="#">81, 70.013, 111.377</a>
Yxy	<a href="#">57.9530, 0.3869, 0.4920</a>
Android (android.graphics.Color)	<a href="#">4290696004 (0xFFBED344)</a>
YUV	<a href="#">188.4190, -59.3666, 1.3865</a>
Hunter-Lab	<a href="#">76.1269, -26.3642, 42.1882</a>

# Details

The Hex color **BED344** 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 **5944D3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **F9FF7C**, and **859D00** is the 20% darker color. If you saturate the color by 10%, you get **BBD32F**, and if you desaturate by 10%, it is **C1D359**.

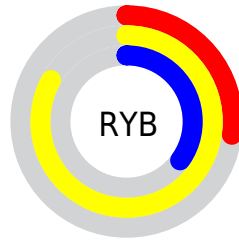
# Distribution



Red (75%)

Green (83%)

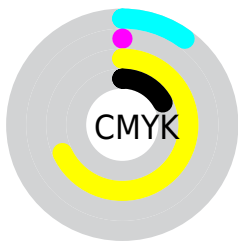
Blue (27%)



Red (27%)

Yellow (83%)

Blue (35%)

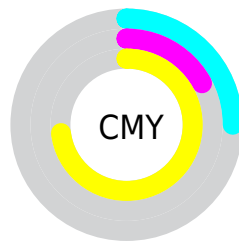


Cyan (10%)

Magenta (0%)

Yellow (68%)

Black (17%)



Cyan (25%)

Magenta (17%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BED344 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 BED344 by changing the saturation by 10% instead.



 BED344

 BED344

FFFFFF

 A1B725

 F9FF7C

 859D00

 FFFF98

 698200

 FFFFB4

 4F6900

 FFFFFD0

 335100

 FFFFEE

 183A00

 002400

 000500

 000000

 BED344

 BED344

 BBD32F

 C1D359

 B8D31A

 C4D36E

 B5D305

 C7D383

 B4D300

 CAD398

 CDD3AD

 D1D3C3

 D4D3D8

 D7D3ED

 DAD3FF

# Harmonies

## Analogous

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



FCBE3E



BED344



6DE073

# Triad

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



BED344



00E3FF



FF8EDE

# Complementary

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



BED344



5944D3

# 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.



FFA3FF



BED344



00D5FF

# Square

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



BED344



00E8F6



A9BFFF



FF909C

# Rectangle

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



BED344



00E59C



A9BFFF



FF94F4

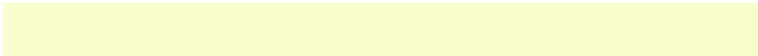


# Sweetspot

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



BED344



F8FFCC



D35744



7B8061



000000



808080



# Same Dimension

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



BED344



E1FF30



78D344



67695E



90A800



232900



# Inverse Universe

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



5944D3



4F30FF



9F44D3



605E69



1900A8



060029



# Previews

## White Background



This preview shows how the Hex color BED344 looks on a white background.

## Color Contrast Check

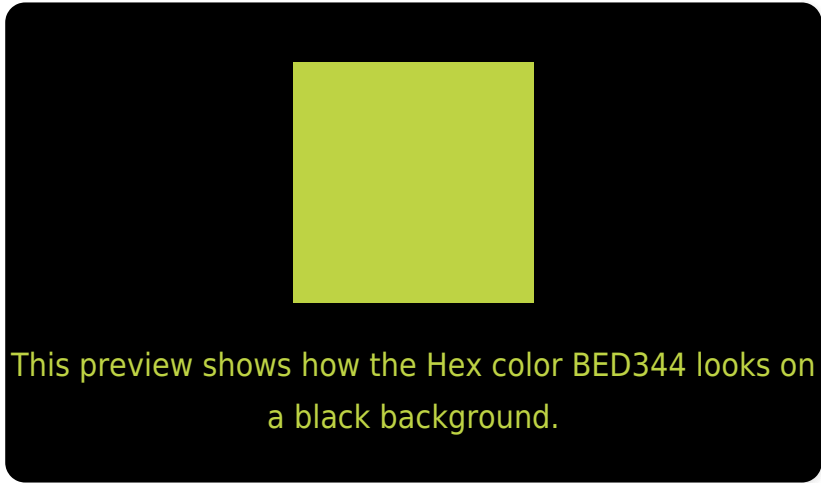
Large Text (above 18pt) WCAG AA × Fail

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 BED344 Background



This preview shows how black text looks on a background with the Hex color BED344.

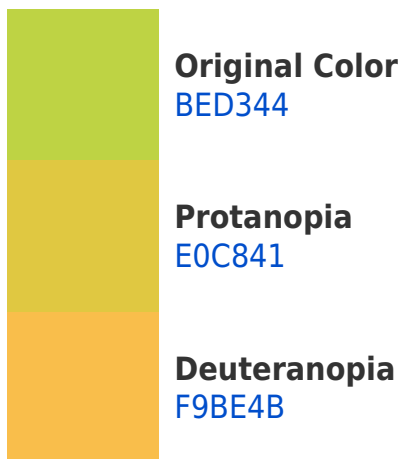


This preview shows how white text looks on a background with the Hex color BED344.

# Color Blindness Simulation

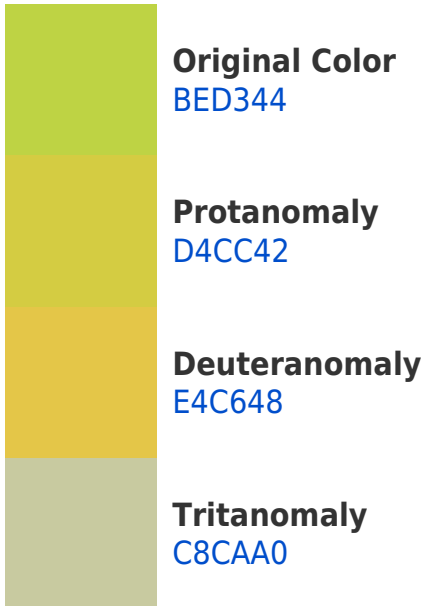
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BED344 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 #BED344 looks like.

```
.text, #text, p{  
    color:#BED344  
}
```

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 #BED344 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BED344
}
```

## Border

The CSS property to change the border of an element to Hex BED344 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
#BED344 }
```

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

```
.border{ border-color:#BED344 }
```

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

Here you see how a box with a 4 pixel #BED344 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BED344; -webkit-box-shadow:4px 4px  
4px 4px #BED344; box-shadow:4px 4px 4px  
4px #BED344 }
```

# Background

The CSS property to change the background color of an element to Hex BED344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BED344 }
```

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

```
.background{ background-color:#BED344 }
```

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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