

Converting Colors

Hex(BDE717)

Have a look what the booklet for
Hex(BDE717) contains.

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Color

Hex(BDE717)

Conversions

Conversions Part 1

Format	Color
Hex	BDE717
RGB	189, 231, 23
RGB Percent	74%, 91%, 9%
CMY	0.2588, 0.0941, 0.9098
CMYK	0.18, 0.00, 0.90, 0.09
HSL	72°, 82%, 50%
HSV	72°, 90%, 91%
XYZ	49.7168, 68.0325, 11.3218
YIQ	194.7300, 41.7360, -73.5920

Conversions

Conversions Part 2

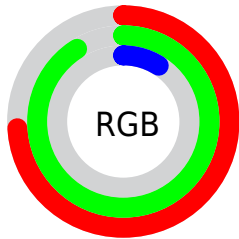
Format	Color
R _Y B	23, 231, 65
Decimal	12445463
CIE Lab	86.02, -36.89, 81.85
CIE LCh	86, 89.782, 114.260
Yxy	68.0325, 0.3852, 0.5271
Android (android.graphics.Color)	4290635543 (0xFFBDE717)
YUV	194.7300, -84.6629, -5.0252
Hunter-Lab	82.4818, -36.7503, 49.5988

Details

The Hex color **BDE717** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4117E7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F9FF60**, and **82AF00** is the 20% darker color. If you saturate the color by 10%, you get **B8E700**, and if you desaturate by 10%, it is **C2E72E**.

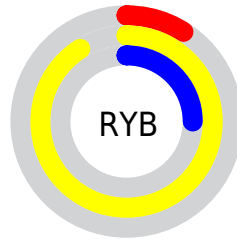
Distribution



Red (74%)

Green (91%)

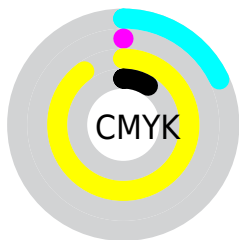
Blue (9%)



Red (9%)

Yellow (91%)

Blue (25%)

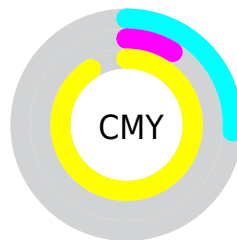


Cyan (18%)

Magenta (0%)

Yellow (90%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDE717 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 BDE717 by changing the saturation by 10% instead.

 BDE717

 BDE717

FFFFFF

 A0CB00

 F9FF60

 82AF00

 FFFF7E

 659500

 FFFF9B

 497B00

 FFFFB9

 2A6100

 FFFFD6

 034900

 FFFFF4

 003200

 001D00

 000000

 BDE717

 BDE717

 B8E700

 C2E72E

 C6E745

 CBE75C

 D0E773

 D4E78B

 D9E7A2

 DEE7B9

 E2E7D0

 E7E7E7

Harmonies

Analogous

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



FFCE00



BDE717



3BF66D

Triad

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



BDE717



00F8FF



FF81EB

Complementary

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



BDE717



4117E7

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



BDE717



00E6FF

Square

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



BDE717



00FEFF



B5C8FF



FF8897

Rectangle

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



BDE717



00FCA6



B5C8FF



FF89FF

Sweetspot

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



BDE717



F1FFBA



E74117



778057



000000



808080

Same Dimension

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



BDE717



CCFF00



55E717



707367



8EB300



293300

Inverse Universe

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



4117E7



3300FF



A917E7



6A6773



2400B3



0A0033

Previews

White Background



This preview shows how the Hex color BDE717 looks on a white background.

Color Contrast Check

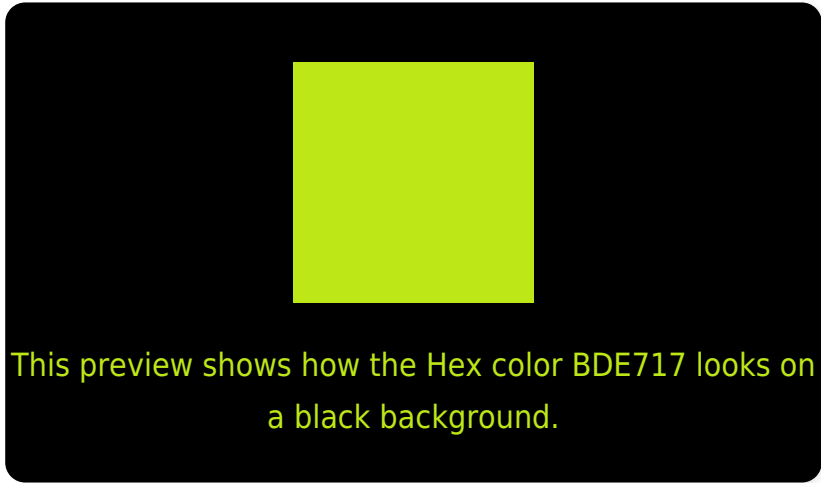
Large Text (above 18pt) WCAG AA × Fail

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 BDE717 Background



This preview shows how black text looks on a background with the Hex color BDE717.



This preview shows how white text looks on a background with the Hex color BDE717.

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



Original Color
BDE717

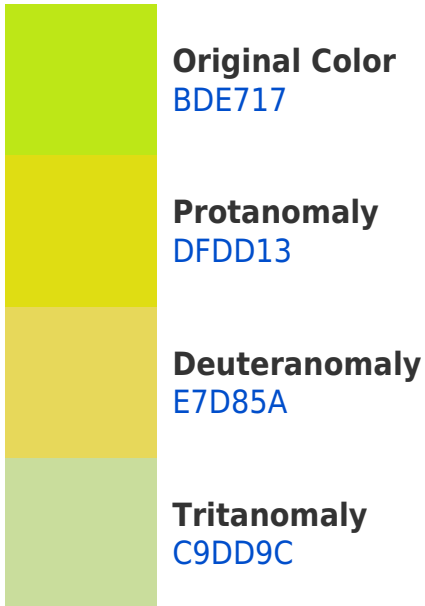
Protanopia
F2D710

Deuteranopia
FFCF80

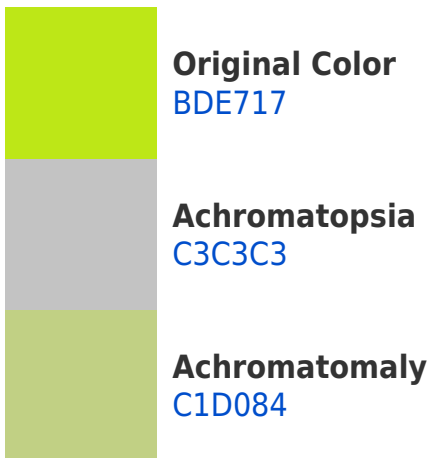


Tritanopia
D0D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDE717 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 #BDE717 looks like.

```
.text, #text, p{  
    color:#BDE717  
}
```

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 #BDE717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE717
}
```

Border

The CSS property to change the border of an element to Hex BDE717 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
#BDE717 }
```

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

```
.border{ border-color:#BDE717 }
```

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

Here you see how a box with a 4 pixel #BDE717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE717; -webkit-box-shadow:4px 4px  
4px 4px #BDE717; box-shadow:4px 4px 4px  
4px #BDE717 }
```

Background

The CSS property to change the background color of an element to Hex BDE717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE717 }
```

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

```
.background{ background-color:#BDE717 }
```

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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