

Converting Colors

Hex(BDE90F)

Have a look what the booklet for
Hex(BDE90F) contains.

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Color

Hex(BDE90F)

Conversions

Conversions Part 1

Format	Color
Hex	BDE90F
RGB	189, 233, 15
RGB Percent	74%, 91%, 6%
CMY	0.2588, 0.0863, 0.9412
CMYK	0.19, 0.00, 0.94, 0.09
HSL	72°, 88%, 49%
HSV	72°, 94%, 91%
XYZ	50.2114, 69.1311, 11.1492
YIQ	194.9920, 43.7540, -77.1260

Conversions

Conversions Part 2

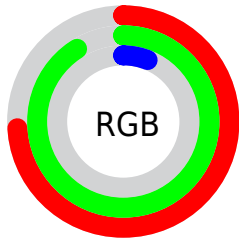
Format	Color
RYB	15, 233, 59
Decimal	12445967
CIELab	86.57, -37.91, 83.28
CIELCh	87, 91.500, 114.478
Yxy	69.1311, 0.3848, 0.5298
Android (android.graphics.Color)	4290636047 (0xFFBDE90F)
YUV	194.9920, -88.7361, -5.2550
Hunter-Lab	83.1451, -37.7077, 50.2512

Details

The Hex color **BDE90F** 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 **3B0FE9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F9FF5E**, and **82B100** is the 20% darker color. If you saturate the color by 10%, you get **BAE900**, and if you desaturate by 10%, it is **C2E926**.

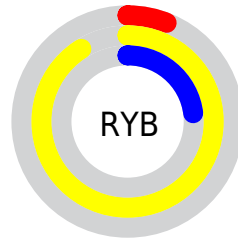
Distribution



Red (74%)

Green (91%)

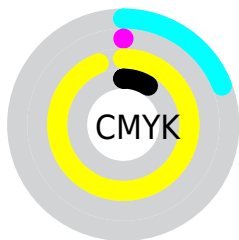
Blue (6%)



Red (6%)

Yellow (91%)

Blue (23%)

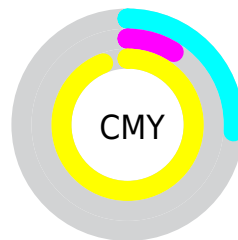


Cyan (19%)

Magenta (0%)

Yellow (94%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDE90F 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 BDE90F by changing the saturation by 10% instead.

 BDE90F

 BDE90F

FFFFFF

 9FCD00

 F9FF5E

 82B100

 FFFF7C

 659600

 FFFF99

 487C00

 FFFFB7

 296300

 FFFFD5

 004B00

 FFFFF3

 003300

 001F00

 000000

 BDE90F

 BDE90F

 BAE900

 C2E926

 C6E93E

 CBE955

 D0E96C

 D5E984

 D9E99B

 DEE9B2

 E3E9C9

 E7E9E1

Harmonies

Analogous

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



FDCF00



BDE90F



33F86D

Triad

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



BDE90F



00FAFF



FF80ED

Complementary

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



BDE90F



3B0FE9

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



BDE90F



00E8FF

Square

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



BDE90F



00FFFF



B6C9FF



FF8796

Rectangle

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



BDE90F



00FEA7



B6C9FF



FF88FF

Sweetspot

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



BDE90F



F1FFB8



E93B0F



778054



000000



808080

Same Dimension

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



BDE90F



CCFF00



50E90F



73756A



91B500



2B3600

Inverse Universe

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



3B0FE9



3300FF



A80FE9



6C6A75



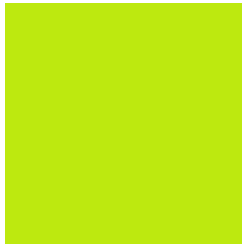
2500B5



0B0036

Previews

White Background



This preview shows how the Hex color BDE90F looks on a white background.

Color Contrast Check

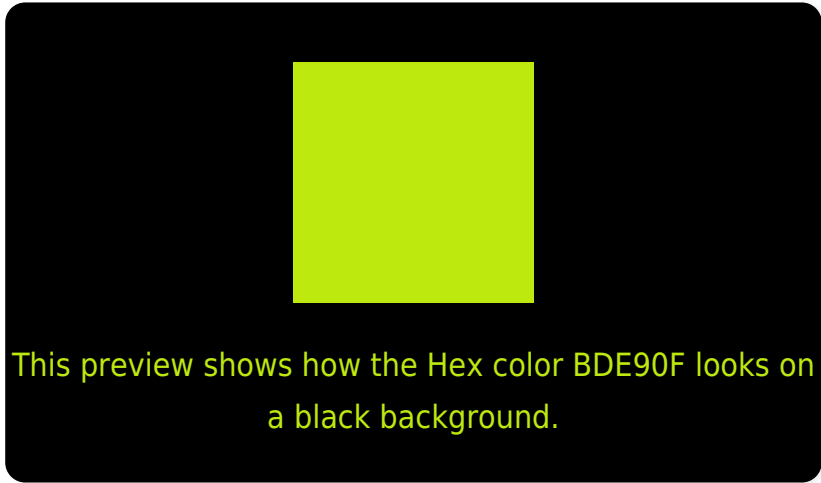
Large Text (above 18pt) WCAG AA × Fail

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 BDE90F Background



This preview shows how black text looks on a background with the Hex color BDE90F.



This preview shows how white text looks on a background with the Hex color BDE90F.

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
BDE90F

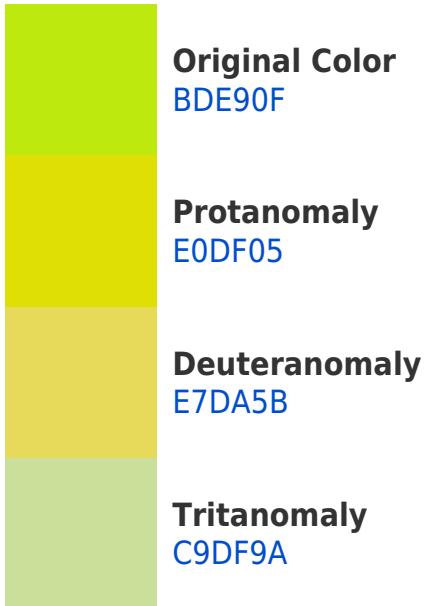
Protanopia
F4D900

Deuteranopia
FFD187

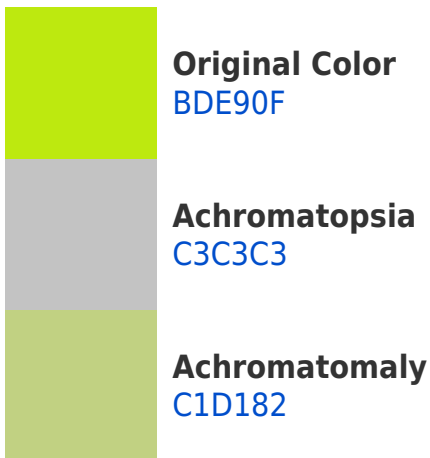


Tritanopia
D0D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BDE90F 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 #BDE90F looks like.

```
.text, #text, p{  
    color:#BDE90F  
}
```

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 #BDE90F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDE90F
}
```

Border

The CSS property to change the border of an element to Hex BDE90F 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
#BDE90F }
```

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

```
.border{ border-color:#BDE90F }
```

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

Here you see how a box with a 4 pixel #BDE90F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDE90F; -webkit-box-shadow:4px 4px  
4px 4px #BDE90F; box-shadow:4px 4px 4px  
4px #BDE90F }
```

Background

The CSS property to change the background color of an element to Hex BDE90F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDE90F }
```

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

```
.background{ background-color:#BDE90F }
```

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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