

Converting Colors

Hex(BDFD19)

Have a look what the booklet for
Hex(BDFD19) contains.

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Color

Hex(BDFD19)

Conversions

Conversions Part 1

Format	Color
Hex	BDFD19
RGB	189, 253, 25
RGB Percent	74%, 99%, 10%
CMY	0.2588, 0.0078, 0.9020
CMYK	0.25, 0.00, 0.90, 0.01
HSL	77°, 98%, 55%
HSV	77°, 90%, 99%
XYZ	56.2870, 81.1396, 13.6146
YIQ	207.8720, 35.0440, -84.4760

Conversions

Conversions Part 2

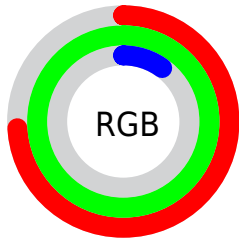
Format	Color
R _Y B	25, 253, 89
Decimal	12451097
CIE Lab	92.19, -46.47, 86.53
CIE LCh	92, 98.220, 118.238
Yxy	81.1396, 0.3727, 0.5372
Android (android.graphics.Color)	4290641177 (0xFFBDFD19)
YUV	207.8720, -90.1559, -16.5507
Hunter-Lab	90.0775, -46.0958, 54.0930

Details

The Hex color **BDFD19** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed chartreuse. A complement of this color would be **5919FD**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FAFF65**, and **81C400** is the 20% darker color. If you saturate the color by 10%, you get **B6FD00**, and if you desaturate by 10%, it is **C4FD32**.

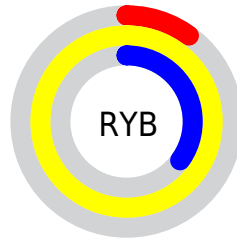
Distribution



Red (74%)

Green (99%)

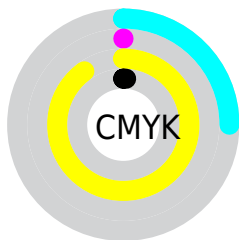
Blue (10%)



Red (10%)

Yellow (99%)

Blue (35%)

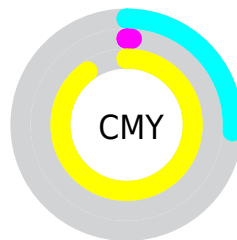


Cyan (25%)

Magenta (0%)

Yellow (90%)

Black (1%)



Cyan (26%)

Magenta (1%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color BDFD19 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 BDFD19 by changing the saturation by 10% instead.

 BDFD19

 BDFD19

FFFFFF

 9FE000

 FAFF65

 81C400

 FFFF83

 63A900

 FFFFA1

 458E00

 FFFFBF

 227400

 FFFFDD

 005B00

 FFFFFB

 004200

 002C00

 000E00

 BDFD19

 BDFD19

 B6FD00

 C4FD32

 CBFD4C

 D2FD65

 D9FD7E

 E1FD98

 E8FDB1

 EFFDCA

 F6FDE3

 FDFDFD

Harmonies

Analogous

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



FFE200



BDFD19



00FF7F

Triad

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



BDFD19



00FFFF



FF85F2

Complementary

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



BDFD19



5919FD

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.



FFA4FF



BDFD19



00F6FF

Square

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



BDFD19



00FFFF



D9D2FF



FF9395

Rectangle

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



BDFD19



00FFBF



D9D2FF



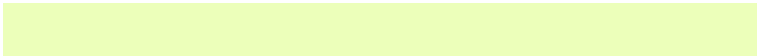
FF8CFF

Sweetspot

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



BDFD19



ECFFBA



FD5619



748057



000000



808080

Same Dimension

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



BDFD19



B7FF00



4EFD19



7C8073



8ABF00



2E4000

Inverse Universe

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



5919FD



4800FF



C819FD



767380



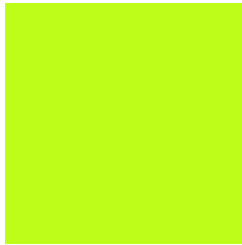
3600BF



120040

Previews

White Background



This preview shows how the Hex color BDFD19 looks on a white background.

Color Contrast Check

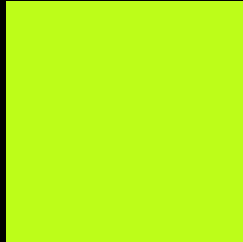
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color BDFD19 looks on a 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 BDFD19 Background



This preview shows how black text looks on a background with the Hex color BDFD19.

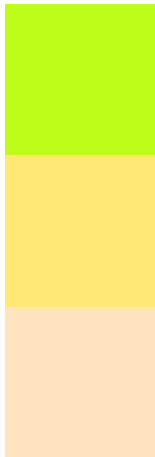


This preview shows how white text looks on a background with the Hex color BDFD19.

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
BDFD19

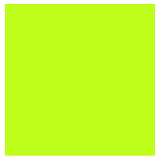
Protanopia
FFE876

Deuteranopia
FFE4BF

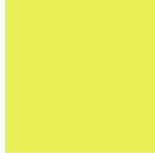


Tritanopia
D4EBFE

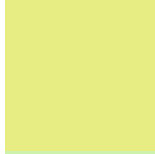
Trichromacy



Original Color
BDFD19



Protanomaly
E7F054

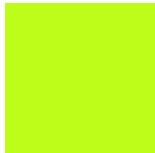


Deuteranomaly
E7ED83

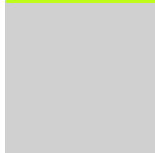


Tritanomaly
CCF2AB

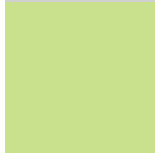
Monochromacy



Original Color
BDFD19



Achromatopsia
D0D0D0



Achromatomaly
C9E08D

CSS Examples

Text

The CSS property to change the color of the text to Hex BDFD19 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 #BDFD19 looks like.

```
.text, #text, p{  
    color:#BDFD19  
}
```

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 #BDFD19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDFD19
}
```

Border

The CSS property to change the border of an element to Hex BDFD19 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
#BDFD19 }
```

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

```
.border{ border-color:#BDFD19 }
```

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

Here you see how a box with a 4 pixel #BDFD19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDFD19; -webkit-box-shadow:4px 4px  
4px 4px #BDFD19; box-shadow:4px 4px 4px  
4px #BDFD19 }
```

Background

The CSS property to change the background color of an element to Hex BDFD19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDFD19 }
```

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

```
.background{ background-color:#BDFD19 }
```

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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