

Converting Colors

Hex(BFF325)

Have a look what the booklet for
Hex(BFF325) contains.

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Color

Hex(BFF325)

Conversions

Conversions Part 1

Format	Color
Hex	BFF325
RGB	191, 243, 37
RGB Percent	75%, 95%, 15%
CMY	0.2510, 0.0471, 0.8549
CMYK	0.21, 0.00, 0.85, 0.05
HSL	75°, 90%, 55%
HSV	75°, 85%, 95%
XYZ	53.8704, 75.3111, 13.4475
YIQ	203.9680, 35.1340, -75.0900

Conversions

Conversions Part 2

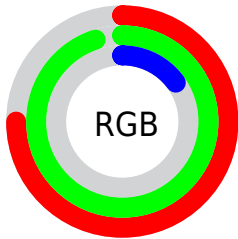
Format	Color
RYB	37, 243, 89
Decimal	12579621
CIELab	89.54, -41.12, 82.36
CIELCh	90, 92.059, 116.533
Yxy	75.3111, 0.3777, 0.5280
Android (android.graphics.Color)	4290769701 (0xFFBFF325)
YUV	203.9680, -82.3152, -11.3729
Hunter-Lab	86.7820, -41.0636, 51.5600

Details

The Hex color **BFF325** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **5925F3**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FBFF69**, and **84BB00** is the 20% darker color. If you saturate the color by 10%, you get **B9F30D**, and if you desaturate by 10%, it is **C5F33D**.

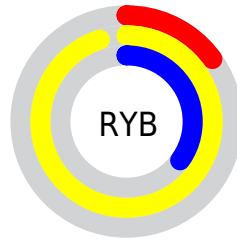
Distribution



Red (75%)

Green (95%)

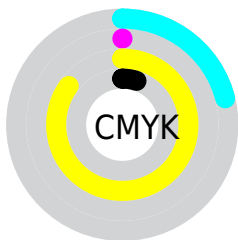
Blue (15%)



Red (15%)

Yellow (95%)

Blue (35%)

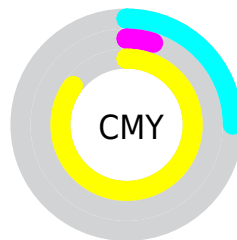


Cyan (21%)

Magenta (0%)

Yellow (85%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFF325 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 BFF325 by changing the saturation by 10% instead.

 BFF325

 BFF325

FFFFFF

 A1D600

 FBFF69

 84BB00

 FFFF87

 679F00

 FFFFA4

 4A8500

 FFFFC2

 2A6B00

 FFFFDF

 005300

FFFFFFD

 003B00

 002700

 000000

 BFF325

 BFF325

 B9F30D

 C5F33D

 B6F300

 CBF356

 D1F36E

 D8F386

 DEF39F

 E4F3B7

 EAF3CF

 F0F3E7

 F6F3FF

Harmonies

Analogous

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



FFDA00



BFF325



28FF7A

Triad

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



BFF325



00FFFF



FF88EF

Complementary

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



BFF325



5925F3

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.



FFA5FF



BFF325



00EFFF

Square

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



BFF325



00FFFF



CBCEFF



FF9298

Rectangle

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



BFF325



00FFB5



CBCEFF



FF8EFF

Sweetspot

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



BFF325



EFFFBF



F35925



768059



000000



808080

Same Dimension

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



BFF325



BFFF00



59F325



777A6E



8BBA00



2C3B00

Inverse Universe

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



5925F3



4000FF



BF25F3



716E7A



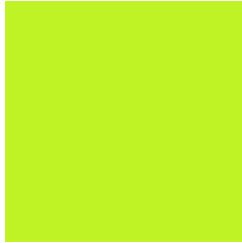
2F00BA



0F003B

Previews

White Background



This preview shows how the Hex color BFF325 looks on a white background.

Color Contrast Check

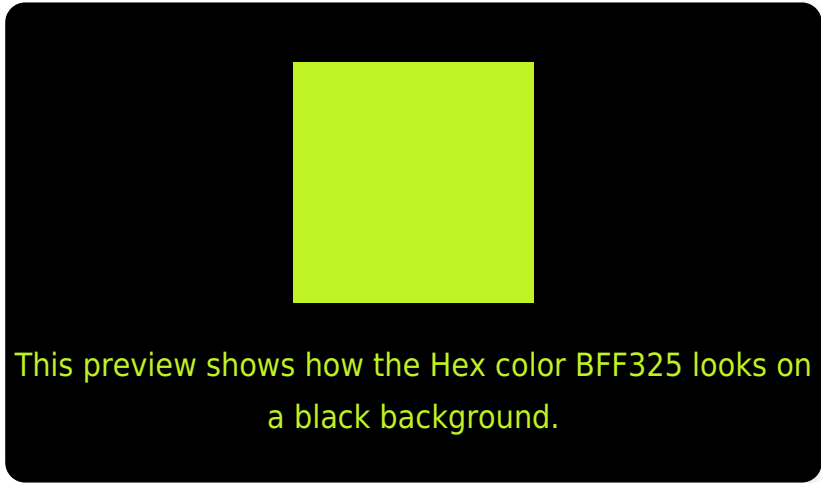
Large Text (above 18pt) WCAG AA × Fail

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 BFF325 Background



This preview shows how black text looks on a background with the Hex color BFF325.

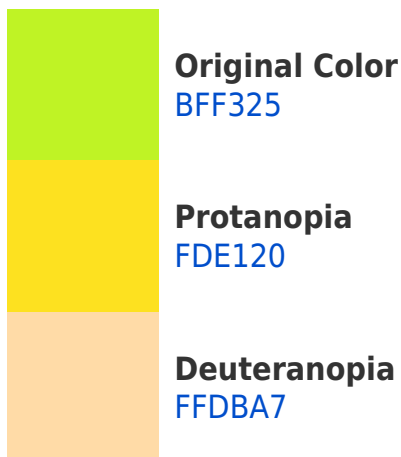


This preview shows how white text looks on a background with the Hex color BFF325.

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](#).

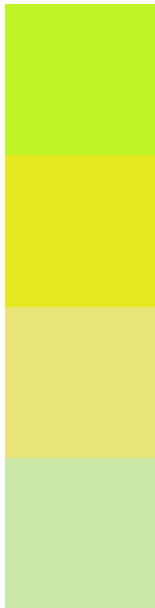
Dichromacy





Tritanopia
D3E2F4

Trichromacy



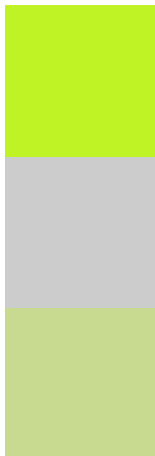
Original Color
BFF325

Protanomaly
E6E822

Deuteranomaly
E8E478

Tritanomaly
CCE8A9

Monochromacy



Original Color
BFF325

Achromatopsia
CCCCCC

Achromatomaly
C7DA8F

CSS Examples

Text

The CSS property to change the color of the text to Hex BFF325 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 #BFF325 looks like.

```
.text, #text, p{  
    color:#BFF325  
}
```

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 #BFF325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFF325
}
```

Border

The CSS property to change the border of an element to Hex BFF325 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
#BFF325 }
```

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

```
.border{ border-color:#BFF325 }
```

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

Here you see how a box with a 4 pixel #BFF325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFF325; -webkit-box-shadow:4px 4px  
4px 4px #BFF325; box-shadow:4px 4px 4px  
4px #BFF325 }
```

Background

The CSS property to change the background color of an element to Hex BFF325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFF325 }
```

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

```
.background{ background-color:#BFF325 }
```

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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