

Converting Colors

Hex(BFD600)

Have a look what the booklet for
Hex(BFD600) contains.

Hex(BFD600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BFD600)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFD600</code>
RGB	191, 214, 0
RGB Percent	75%, 84%, 0%
CMY	0.2510, 0.1608, 1.0000
CMYK	0.11, 0.00, 1.00, 0.16
HSL	66°, 100%, 42%
HSV	66°, 100%, 84%
XYZ	45.5324, 59.1695, 9.0210
YIQ	182.7270, 54.9860, -71.4300

Conversions

Conversions Part 2

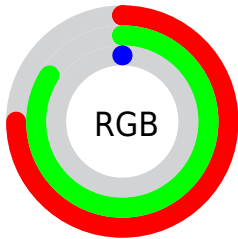
Format	Color
RYB	0, 214, 23
Decimal	12572160
CIELab	81.38, -28.53, 80.72
CIELCh	81, 85.610, 109.468
Yxy	59.1695, 0.4004, 0.5203
Android (android.graphics.Color)	4290762240 (0xFFBFD600)
YUV	182.7270, -90.0844, 7.2554
Hunter-Lab	76.9217, -28.9531, 46.8919

Details

The Hex color **BFD600** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed chartreuse. A complement of this color would be **1700D6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FBFF56**, and **859F00** is the 20% darker color. If you saturate the color by 10%, you get **BFD600**, and if you desaturate by 10%, it is **C1D615**.

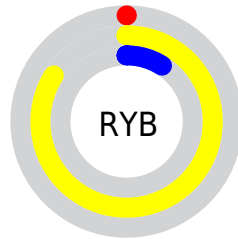
Distribution



Red (75%)

Green (84%)

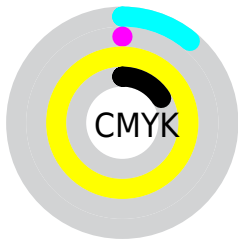
Blue (0%)



Red (0%)

Yellow (84%)

Blue (9%)

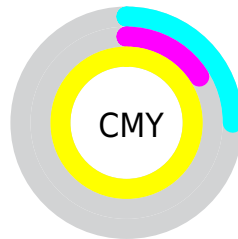


Cyan (11%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (25%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFD600 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 BFD600 by changing the saturation by 10% instead.

 BFD600

 BFD600

FFFFFF

 A2BA00

 FBFF56

 859F00

 FFFF74

 688500

 FFFF91

 4C6C00

 FFFF9F

 2F5400

 FFFFCC

 123C00

 FFFFEA

 002600

 000900

 000000

 BFD600

 C1D615

 C4D62B

 C6D640

 C8D656

 CBD66B

 CDD680

 CFD696

 D1D6AB

 D4D6C1

Harmonies

Analogous

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



FFBC00



BFD600



56E65A

Triad

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



BFD600



00EAF7



FF7CEA

Complementary

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



BFD600



1700D6

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.



FF9CFF



BFD600



00DCFF

Square

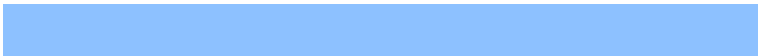
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



BFD600



00EFFF



8DC1FF



FF7C9A

Rectangle

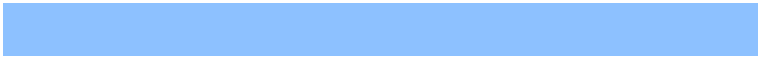
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



BFD600



00EC8F



8DC1FF



FF85FF

Sweetspot

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



BFD600



F7FFB3



D61500



7B8052



000000



808080

Same Dimension

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



BFD600



E4FF00



56D600



6A6B60



98AB00



272B00

Inverse Universe

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



1700D6



1B00FF



8000D6



62606B



1200AB



05002B

Previews

White Background



This preview shows how the Hex color BFD600 looks on a white background.

Color Contrast Check

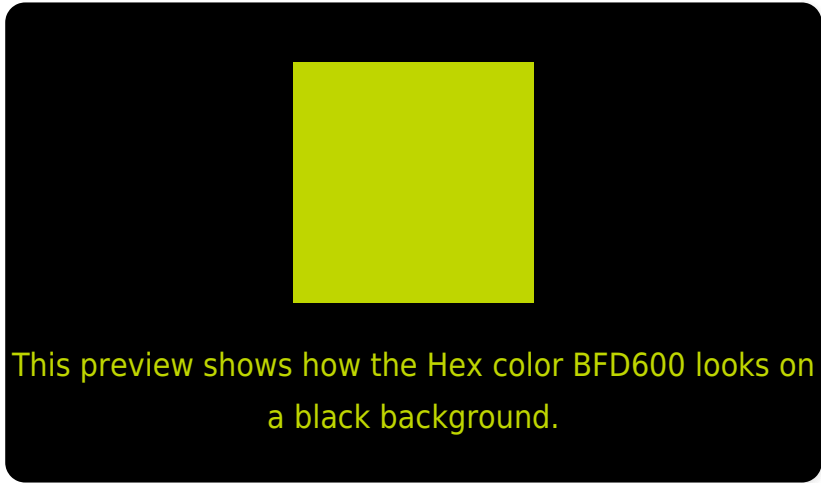
Large Text (above 18pt) WCAG AA × Fail

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 BFD600 Background



This preview shows how black text looks on a background with the Hex color BFD600.



This preview shows how white text looks on a background with the Hex color BFD600.

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

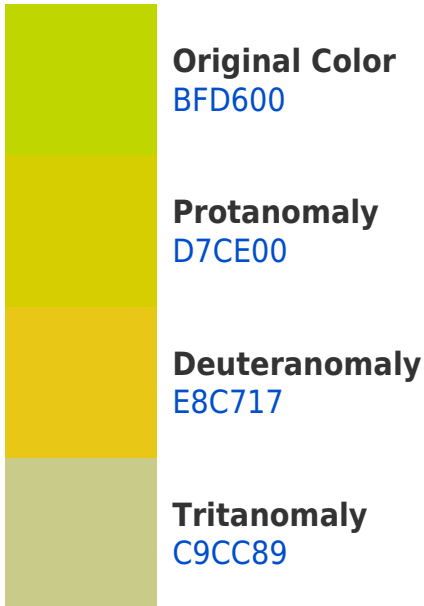


Original Color
BFD600

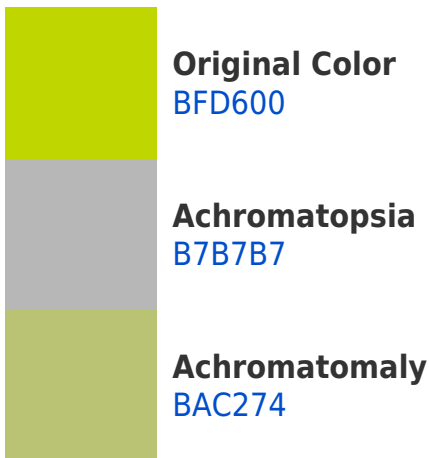
Protanopia
E4CA00

Deuteranopia
FFBF24

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFD600 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 #BFD600 looks like.

```
.text, #text, p{  
    color:#BFD600  
}
```

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 #BFD600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFD600
}
```

Border

The CSS property to change the border of an element to Hex BFD600 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
#BFD600 }
```

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

```
.border{ border-color:#BFD600 }
```

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

Here you see how a box with a 4 pixel #BFD600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFD600; -webkit-box-shadow:4px 4px  
4px 4px #BFD600; box-shadow:4px 4px 4px  
4px #BFD600 }
```

Background

The CSS property to change the background color of an element to Hex BFD600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFD600 }
```

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

```
.background{ background-color:#BFD600 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor