

Converting Colors

Hex(BFFD53)

Have a look what the booklet for
Hex(BFFD53) contains.

Hex(BFFD53)	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(**BFFD53**)

Conversions

Conversions Part 1

Format	Color
Hex	BFFD53
RGB	191, 253, 83
RGB Percent	75%, 99%, 33%
CMY	0.2510, 0.0078, 0.6745
CMYK	0.25, 0.00, 0.67, 0.01
HSL	82°, 98%, 66%
HSV	82°, 67%, 99%
XYZ	58.1725, 81.9515, 20.9358
YIQ	215.0820, 17.6180, -66.0140

Conversions

Conversions Part 2

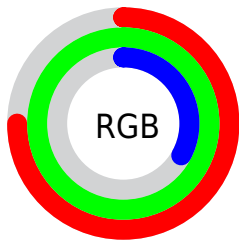
Format	Color
RYB	83, 253, 145
Decimal	12582227
CIELab	92.55, -43.38, 71.73
CIELCh	93, 83.826, 121.168
Yxy	81.9515, 0.3612, 0.5088
Android (android.graphics.Color)	4290772307 (0xFFBFFD53)
YUV	215.0820, -65.1164, -21.1199
Hunter-Lab	90.5270, -43.7186, 49.6572

Details

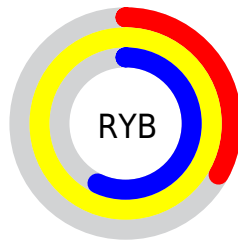
The Hex color **BFFD53** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **9153FD**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FBFF8C**, and **85C406** is the 20% darker color. If you saturate the color by 10%, you get **B6FD3A**, and if you desaturate by 10%, it is **C8FD6C**.

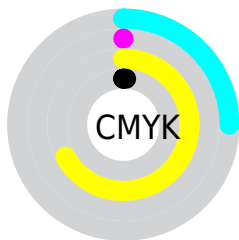
Distribution



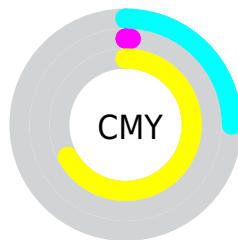
- Red (75%)
- Green (99%)
- Blue (33%)



- Red (33%)
- Yellow (99%)
- Blue (57%)



- Cyan (25%)
- Magenta (0%)
- Yellow (67%)
- Black (1%)



- Cyan (25%)
- Magenta (1%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFFD53 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 BFFD53 by changing the saturation by 10% instead.

 BFFD53

 BFFD53

FFFFFF

 A2E034

 FBFF8C

 85C406

 FFFFA9

 68A900

 FFFFC6

 4B8E00

 FFFF E3

 2D7400

 005B00

 004200

 002C00

 001000

 BFFD53

 BFFD53

 B6FD3A

 C8FD6C

 ADFD20

 D1FD86

 A3FD07

 DBFD9F

 A1FD00

 E4FDB8

 EDFDD2

 F6FDEB

 FFFDFF

Harmonies

Analogous

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



FFE734



BFFD53



37FF98

Triad

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



BFFD53



00FFFF



FF9DEA

Complementary

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



BFFD53



9153FD

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.



FFB0FF



BFFD53



00F2FF

Square

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



BFFD53



00FFFF



EED3FF



FFA99B

Rectangle

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



BFFD53



00FFCE



EED3FF



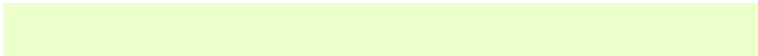
FFA0FF

Sweetspot

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



BFFD53



ECFFCC



FD8F53



748061



000000



808080

Same Dimension

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



BFFD53



B4FF30



6DFD53



7B8073



7ABF00



294000

Inverse Universe

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



9153FD



7C30FF



E353FD



777380



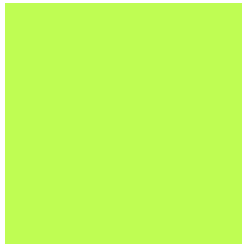
4600BF



170040

Previews

White Background



This preview shows how the Hex color BFFD53 looks on a white background.

Color Contrast Check

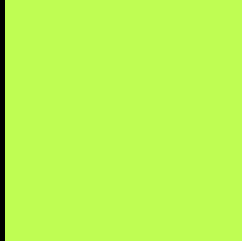
Large Text (above 18pt) WCAG AA × Fail

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 BFFD53 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 BFFD53 Background



This preview shows how black text looks on a background with the Hex color BFFD53.

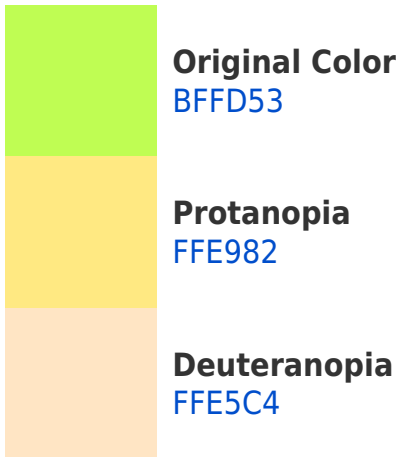


This preview shows how white text looks on a background with the Hex color BFFD53.

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](#).

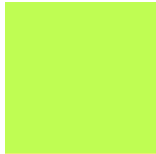
Dichromacy



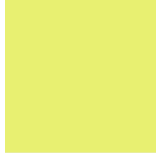


Tritanopia
D4ECFF

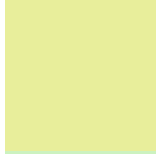
Trichromacy



Original Color
BFFD53



Protanomaly
E8F071

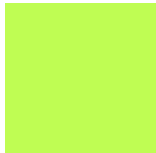


Deuteranomaly
E8EE9B

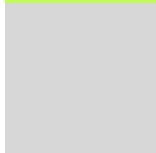


Tritanomaly
CCF2C0

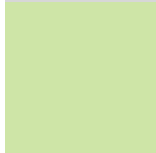
Monochromacy



Original Color
BFFD53



Achromatopsia
D7D7D7



Achromatomaly
CEE5A7

CSS Examples

Text

The CSS property to change the color of the text to Hex BFFD53 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 #BFFD53 looks like.

```
.text, #text, p{  
    color:#BFFD53  
}
```

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 #BFFD53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFFD53
}
```

Border

The CSS property to change the border of an element to Hex BFFD53 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
#BFFD53 }
```

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

```
.border{ border-color:#BFFD53 }
```

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

Here you see how a box with a 4 pixel #BFFD53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFFD53; -webkit-box-shadow:4px 4px  
4px 4px #BFFD53; box-shadow:4px 4px 4px  
4px #BFFD53 }
```

Background

The CSS property to change the background color of an element to Hex BFFD53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFFD53 }
```

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

```
.background{ background-color:#BFFD53 }
```

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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