

# Converting Colors

Hex(BEFF4F)

Have a look what the booklet for  
Hex(BEFF4F) contains.

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# Color

Hex(**BEFF4F**)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | BEFF4F                      |
| RGB         | 190, 255, 79                |
| RGB Percent | 75%, 100%, 31%              |
| CMY         | 0.2549, 0.0000, 0.6902      |
| CMYK        | 0.25, 0.00, 0.69, 0.00      |
| HSL         | 82°, 100%, 65%              |
| HSV         | 82°, 69%, 100%              |
| XYZ         | 58.4065, 83.0317, 20.3455   |
| YIQ         | 215.5010, 17.7560, -68.5160 |

# Conversions

## Conversions Part 2

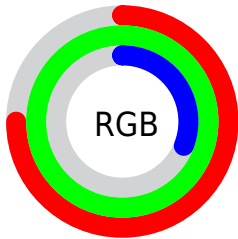
| <b>Format</b>                       | <b>Color</b>                                     |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">79, 255, 144</a>                     |
| Decimal                             | <a href="#">12517199</a>                         |
| CIELab                              | <a href="#">93.03, -44.86, 73.64</a>             |
| CIElCh                              | <a href="#">93, 86.229, 121.351</a>              |
| Yxy                                 | <a href="#">83.0317, 0.3610,<br/>0.5132</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4290707279<br/>(0xFFBEFF4F)</a>      |
| YUV                                 | <a href="#">215.5010, -67.2950,<br/>-22.3644</a> |
| Hunter-Lab                          | <a href="#">91.1217, -45.0494,<br/>50.5470</a>   |

# Details

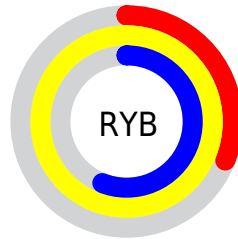
The Hex color **BEFF4F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **904FFF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FAFF89**, and **84C600** is the 20% darker color. If you saturate the color by 10%, you get **B5FF36**, and if you desaturate by 10%, it is **C7FF69**.

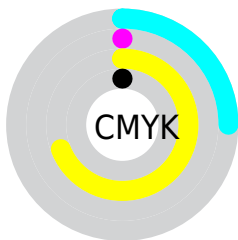
# Distribution



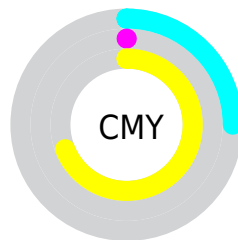
- Red (75%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (56%)



- Cyan (25%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (25%)
- Magenta (0%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEFF4F 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 BEFF4F by changing the saturation by 10% instead.



 BEFF4F

 BEFF4F

FFFFFF

 A1E22F

 FAFF89

 84C600

 FFFFA6

 67AA00

 FFFFC3

 499000

 FFFFEO

 2B7500

FFFFFFE

 005C00

 004400

 002D00

 001300

 BEFF4F

 BEFF4F

 B5FF36

 C7FF69

 ABFF1C

 D1FF82

 A2FF03

 DAFF9C

 A1FF00

 E4FFB5

 EDFFCF

 F7FFE8

FFFFFF

# Harmonies

## Analogous

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



FFE82C



BEFF4F



27FF97

# Triad

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



BEFF4F



00FFFF



FF9BEB

# Complementary

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



BEFF4F



904FFF

# 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.



FFAFFF



BEFF4F



00F3FF

# Square

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



BEFF4F



00FFFF



F0D3FF



FFA899

# Rectangle

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



BEFF4F



00FFCF



F0D3FF



FF9EFF

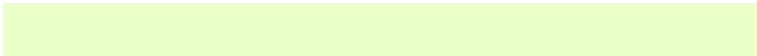


# Sweetspot

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



BEFF4F



EBFFC9



FF904F



748060



000000



808080



# Same Dimension

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



BEFF4F



B1FF2B



66FF4F



7B8073



79BF00



284000



# Inverse Universe

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



904FFF



7A2BFF



E84FFF



777380



4700BF

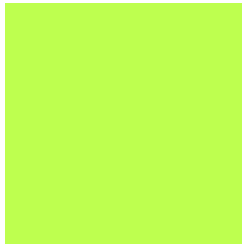


180040



# Previews

## White Background



This preview shows how the Hex color BEFF4F looks on a white background.

## Color Contrast Check

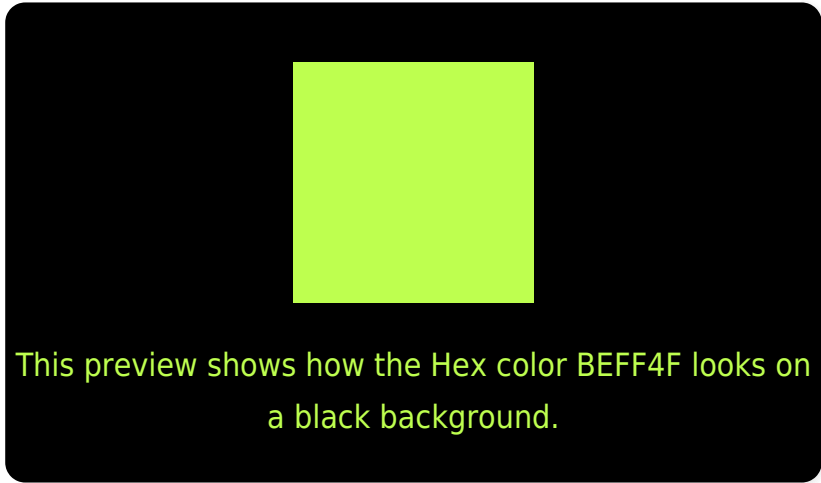
Large Text (above 18pt) WCAG AA × Fail

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 BEFF4F Background



This preview shows how black text looks on a background with the Hex color BEFF4F.

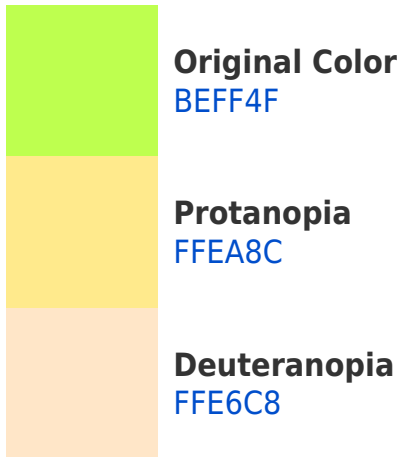


This preview shows how white text looks on a background with the Hex color BEFF4F.

# 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



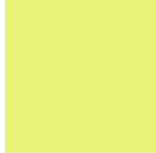


**Tritanopia**  
D6EEFF

# Trichromacy



**Original Color**  
BEFF4F



**Protanomaly**  
E7F276

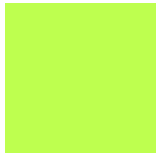


**Deuteranomaly**  
E7EF9C

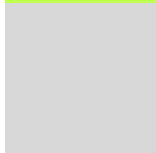


**Tritanomaly**  
CDF4BF

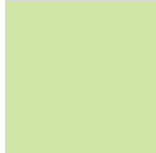
# Monochromacy



**Original Color**  
BEFF4F



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
CFE6A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEFF4F 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 #BEFF4F looks like.

```
.text, #text, p{  
    color:#BEFF4F  
}
```

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 #BEFF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEFF4F
}
```

## Border

The CSS property to change the border of an element to Hex BEFF4F 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
#BEFF4F }
```

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

```
.border{ border-color:#BEFF4F }
```

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

Here you see how a box with a 4 pixel #BEFF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEFF4F; -webkit-box-shadow:4px 4px  
4px 4px #BEFF4F; box-shadow:4px 4px 4px  
4px #BEFF4F }
```

# Background

The CSS property to change the background color of an element to Hex BEFF4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEFF4F }
```

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

```
.background{ background-color:#BEFF4F }
```

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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