

Converting Colors

Hex(BFEA54)

Have a look what the booklet for
Hex(BFEA54) contains.

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Color

Hex(BFEA54)

Conversions

Conversions Part 1

Format	Color
Hex	BFEA54
RGB	191, 234, 84
RGB Percent	75%, 92%, 33%
CMY	0.2510, 0.0824, 0.6706
CMYK	0.18, 0.00, 0.64, 0.08
HSL	77°, 78%, 62%
HSV	77°, 64%, 92%
XYZ	52.5089, 70.5621, 19.2398
YIQ	204.0430, 22.5220, -55.7660

Conversions

Conversions Part 2

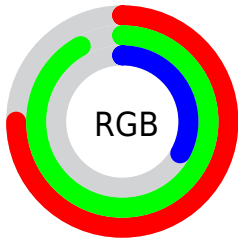
Format	Color
RYB	84, 234, 127
Decimal	12577364
CIELab	87.27, -34.87, 65.82
CIELCh	87, 74.489, 117.911
Yxy	70.5621, 0.3690, 0.4958
Android (android.graphics.Color)	4290767444 (0xFFBFEA54)
YUV	204.0430, -59.1812, -11.4387
Hunter-Lab	84.0012, -35.4224, 45.2210

Details

The Hex color **BFEA54** 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 **7F54EA**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FAFF8C**, and **86B213** is the 20% darker color. If you saturate the color by 10%, you get **B8EA3D**, and if you desaturate by 10%, it is **C6EA6B**.

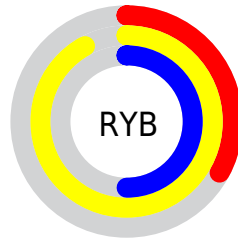
Distribution



Red (75%)

Green (92%)

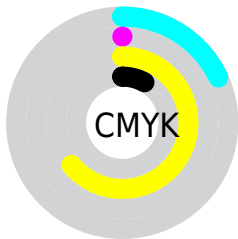
Blue (33%)



Red (33%)

Yellow (92%)

Blue (50%)

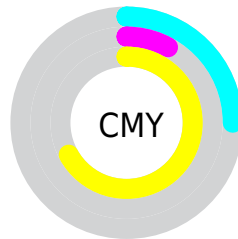


Cyan (18%)

Magenta (0%)

Yellow (64%)

Black (8%)



Cyan (25%)

Magenta (8%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFEA54 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 BFEA54 by changing the saturation by 10% instead.

 BFEA54

 BFEA54

FFFFFF

 A2CE37

 FAFF8C

 86B213

 FFFFA8

 6A9700

 FFFFC5

 4E7D00

 FFFFE2

 336400

 124C00

 003400

 002100

 000000

 BFEA54

 BFEA54

 B8EA3D

 C6EA6B

 B2EA25

 CCEA83

 ABEA0E

 D3EA9A

 A7EA00

 DAEAB2

 E1EAC9

 E7EAE0

 EEEAF8

 F5EAFF

 FBEAFF

Harmonies

Analogous

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



FFD542



BFEA54



5DF78C

Triad

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



BFEA54



00F5FF



FF9AE3

Complementary

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



BFEA54



7F54EA

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.



FFACFF



BFEA54



00E4FF

Square

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



BFEA54



00FCFF



D4CAFF



FFA19D

Rectangle

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



BFEA54



00FBBB



D4CAFF



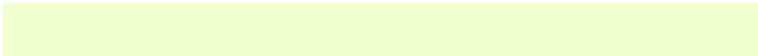
FF9EFA

Sweetspot

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



BFEA54



F1FFCF



EA7F54



778062



000000



808080

Same Dimension

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



BFEA54



C7FF3B



75EA54



72756A



81B500



263600

Inverse Universe

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



7F54EA



733BFF



C954EA



6D6A75



3400B5



0F0036

Previews

White Background



This preview shows how the Hex color BFEA54 looks on a white background.

Color Contrast Check

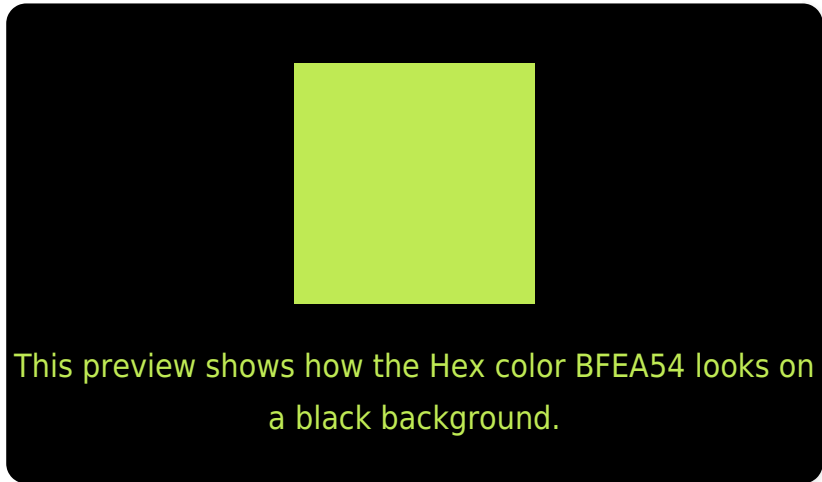
Large Text (above 18pt) WCAG AA × Fail

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 BFEA54 Background



This preview shows how black text looks on a background with the Hex color BFEA54.

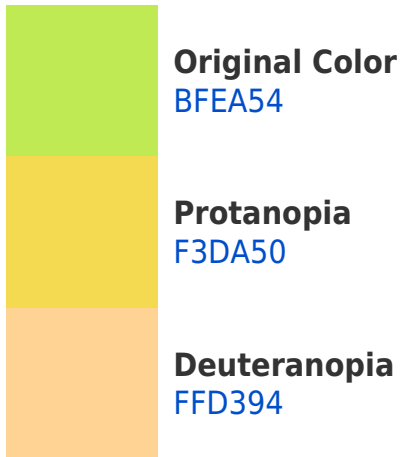


This preview shows how white text looks on a background with the Hex color BFEA54.

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



Trichromacy



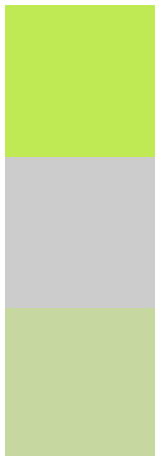
Original Color
BFEA54

Protanomaly
E0E051

Deuteranomaly
E8DB7D

Tritanomaly
CAE0B5

Monochromacy



Original Color
BFEA54

Achromatopsia
CCCCCC

Achromatomaly
C7D7A0

CSS Examples

Text

The CSS property to change the color of the text to Hex BFEA54 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 #BFEA54 looks like.

```
.text, #text, p{  
    color:#BFEA54  
}
```

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 #BFEA54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFEA54
}
```

Border

The CSS property to change the border of an element to Hex BFEA54 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
#BFEA54 }
```

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

```
.border{ border-color:#BFEA54 }
```

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

Here you see how a box with a 4 pixel #BFEA54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFEA54; -webkit-box-shadow:4px 4px  
4px 4px #BFEA54; box-shadow:4px 4px 4px  
4px #BFEA54 }
```

Background

The CSS property to change the background color of an element to Hex BFEA54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFEA54 }
```

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

```
.background{ background-color:#BFEA54 }
```

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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