

Converting Colors

Hex(B7F46F)

Have a look what the booklet for
Hex(B7F46F) contains.

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Color

Hex(**B7F46F**)

Conversions

Conversions Part 1

Format	Color
Hex	B7F46F
RGB	183, 244, 111
RGB Percent	72%, 96%, 44%
CMY	0.2824, 0.0431, 0.5647
CMYK	0.25, 0.00, 0.55, 0.04
HSL	88°, 86%, 70%
HSV	88°, 55%, 96%
XYZ	54.7484, 75.9163, 26.8067
YIQ	210.5990, 6.3370, -54.2950

Conversions

Conversions Part 2

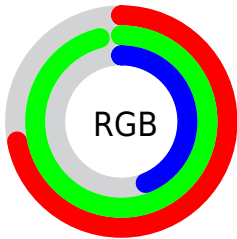
Format	Color
RYB	111, 244, 172
Decimal	12055663
CIELab	89.82, -40.10, 57.10
CIElCh	90, 69.775, 125.082
Yxy	75.9163, 0.3477, 0.4821
Android (android.graphics.Color)	4290245743 (0xFFB7F46F)
YUV	210.5990, -49.1023, -24.2043
Hunter-Lab	87.1300, -40.3165, 42.7496

Details

The Hex color **B7F46F** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **AC6FF4**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **F1FFA6**, and **7FBB39** is the 20% darker color. If you saturate the color by 10%, you get **ACF457**, and if you desaturate by 10%, it is **C2F487**.

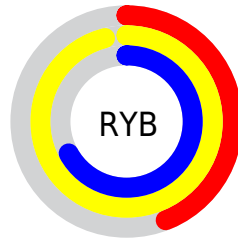
Distribution



Red (72%)

Green (96%)

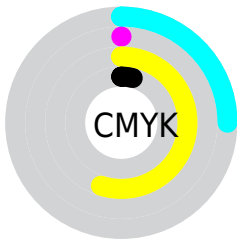
Blue (44%)



Red (44%)

Yellow (96%)

Blue (67%)

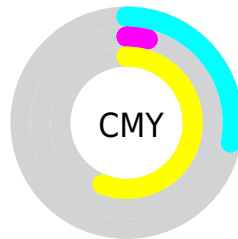


Cyan (25%)

Magenta (0%)

Yellow (55%)

Black (4%)



Cyan (28%)

Magenta (4%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7F46F 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 B7F46F by changing the saturation by 10% instead.

 B7F46F

FFFFFF

 F1FFA6

 FFFFC2

 FFFFDF

 FFFFFC

 B7F46F

 9BD754

 7FBB39

 63A01A

 478600

 2A6C00

 045300

 003B00

 002700

 000000

 B7F46F

 B7F46F

 ACF457

 C2F487

 A1F43E

 CDF4A0

 95F426

 D9F4B8

 8AF40D

 E4F4D1

 84F400

 EFF4E9

 FAF4FF

 FFF4FF

Harmonies

Analogous

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



FDE255



B7F46F



52FFA7

Triad

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



B7F46F



00F8FF



FFA7D9

Complementary

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



B7F46F



AC6FF4

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.



FFB2FF



B7F46F



76E5FF

Square

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



B7F46F



00FFFF



F5CCFF



FFB299

Rectangle

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



B7F46F



00FFD4



F5CCFF



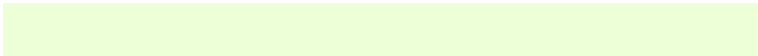
FFA8F0

Sweetspot

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



B7F46F



ECFFD6



F4AB6F



748067



000000



808080

Same Dimension

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



B7F46F



B3FF59



76F46F



757A6E



65BA00



203B00

Inverse Universe

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



AC6FF4



A559FF



ED6FF4



746E7A



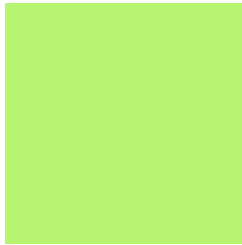
5500BA



1B003B

Previews

White Background



This preview shows how the Hex color B7F46F looks on a white background.

Color Contrast Check

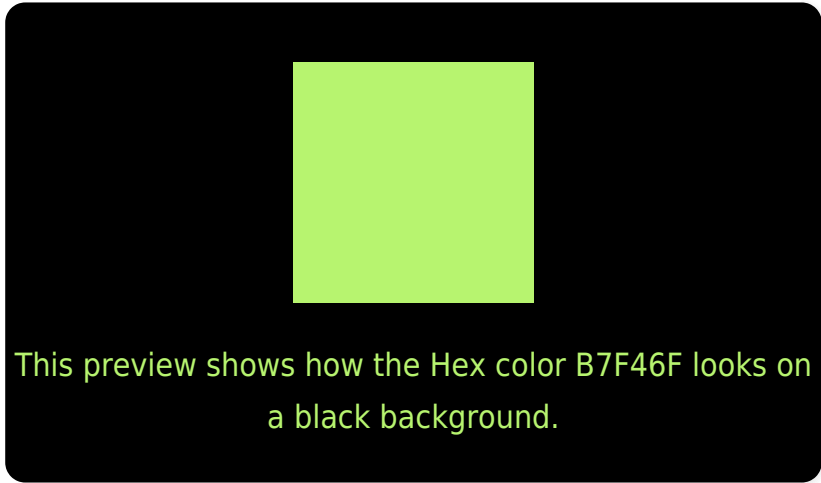
Large Text (above 18pt) WCAG AA × Fail

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 B7F46F Background



This preview shows how black text looks on a background with the Hex color B7F46F.

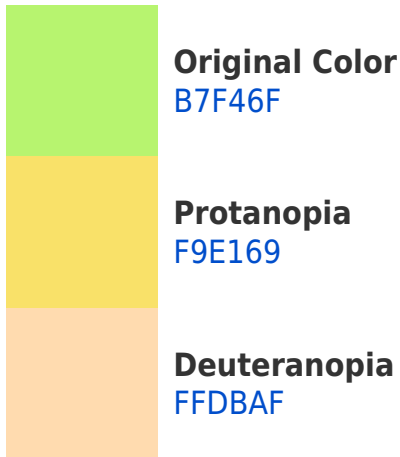


This preview shows how white text looks on a background with the Hex color B7F46F.

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](#).

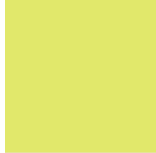
Dichromacy



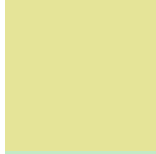
Trichromacy



Original Color
B7F46F



Protanomaly
E1E86B



Deuteranomaly
E5E498

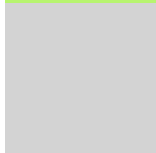


Tritanomaly
C3EAC6

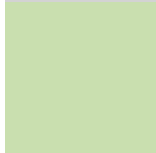
Monochromacy



Original Color
B7F46F



Achromatopsia
D3D3D3



Achromatomaly
C9DFAF

CSS Examples

Text

The CSS property to change the color of the text to Hex B7F46F 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 #B7F46F looks like.

```
.text, #text, p{  
    color:#B7F46F  
}
```

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 #B7F46F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F46F
}
```

Border

The CSS property to change the border of an element to Hex B7F46F 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
#B7F46F }
```

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

```
.border{ border-color:#B7F46F }
```

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

Here you see how a box with a 4 pixel #B7F46F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F46F; -webkit-box-shadow:4px 4px  
4px 4px #B7F46F; box-shadow:4px 4px 4px  
4px #B7F46F }
```

Background

The CSS property to change the background color of an element to Hex B7F46F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F46F }
```

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

```
.background{ background-color:#B7F46F }
```

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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