

# Converting Colors

Hex(B4F361)

Have a look what the booklet for  
Hex(B4F361) contains.

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# Color

**Hex(B4F361)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4F361
RGB	180, 243, 97
RGB Percent	71%, 95%, 38%
CMY	0.2941, 0.0471, 0.6196
CMYK	0.26, 0.00, 0.60, 0.05
HSL	86°, 86%, 67%
HSV	86°, 60%, 95%
XYZ	53.0307, 74.6675, 22.9265
YIQ	207.5190, 9.3180, -58.7620

# Conversions

## Conversions Part 2

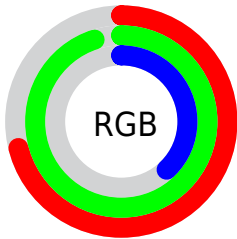
Format	Color
R <sub>Y</sub> B	97, 243, 160
Decimal	11858785
CIE Lab	89.24, -41.99, 62.46
CIE LCh	89, 75.259, 123.909
Yxy	74.6675, 0.3521, 0.4957
Android (android.graphics.Color)	4290048865 (0xFFB4F361)
YUV	207.5190, -54.4859, -24.1342
Hunter-Lab	86.4104, -41.6715, 44.7564

# Details

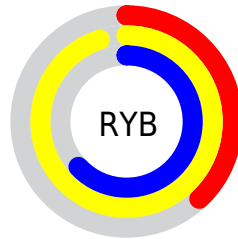
The Hex color **B4F361** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A061F3**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **EFFF98**, and **7BBA27** is the 20% darker color. If you saturate the color by 10%, you get **AAF349**, and if you desaturate by 10%, it is **BEF379**.

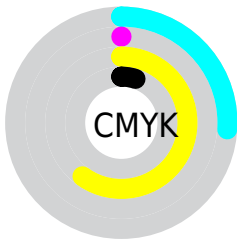
# Distribution



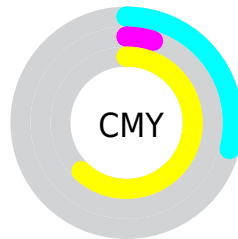
- Red (71%)
- Green (95%)
- Blue (38%)



- Red (38%)
- Yellow (95%)
- Blue (63%)



- Cyan (26%)
- Magenta (0%)
- Yellow (60%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4F361 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 B4F361 by changing the saturation by 10% instead.



 B4F361

 B4F361

FFFFFF

 97D645

 EFFF98

 7BBA27

 FFFFB5

 5F9F00

 FFFF00

 438500

 FFFF00

 246B00

 005200

 003A00

 002600

 000000

 B4F361

 B4F361

 AAF349

 BEF379

 9FF330

 C9F392

 95F318

 D3F3AA

 8AF300

 DEF3C2

 E8F3DA

 F3F3F3

 FDF3FF

 FFF3FF

# Harmonies

## Analogous

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



FEE045



B4F361



3EFE9E

# Triad

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



B4F361



00F8FF



FF9EDA

# Complementary

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



B4F361



A061F3

# 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



B4F361



52E5FF

# Square

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



B4F361



00FFFF



EFC9FF



FFAA94

# Rectangle

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



B4F361



00FFCF



EFC9FF



FFA0F2

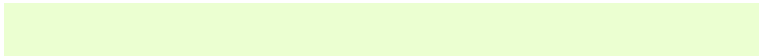


# Sweetspot

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



B4F361



EBFFD1



F39E61



738063



000000



808080



# Same Dimension

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



B4F361



B0FF47



6DF361



757A6E



6ABA00



213B00



# Inverse Universe

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



A061F3



9747FF



E761F3



736E7A



5000BA

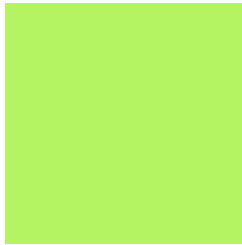


19003B



# Previews

## White Background



This preview shows how the Hex color B4F361 looks on a white background.

## Color Contrast Check

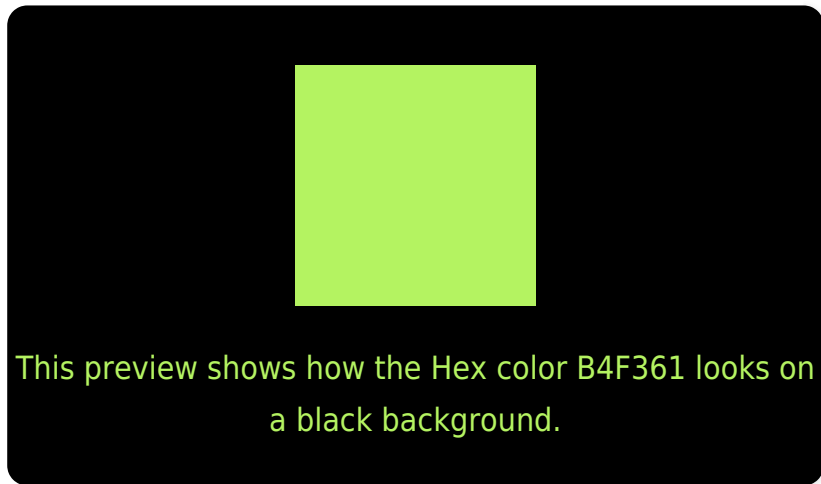
Large Text (above 18pt) WCAG AA × Fail

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 B4F361 Background



This preview shows how black text looks on a background with the Hex color B4F361.

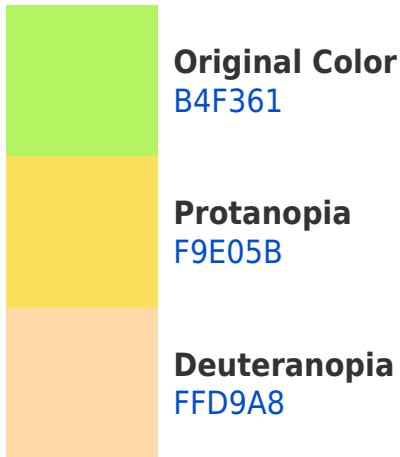


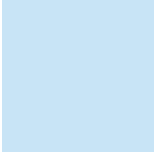
This preview shows how white text looks on a background with the Hex color B4F361.

# 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](#).

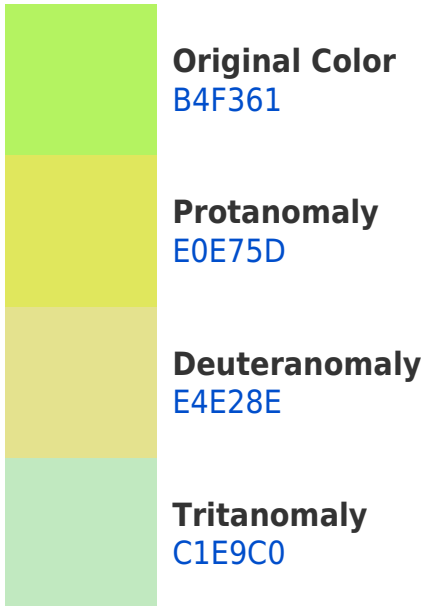
## Dichromacy



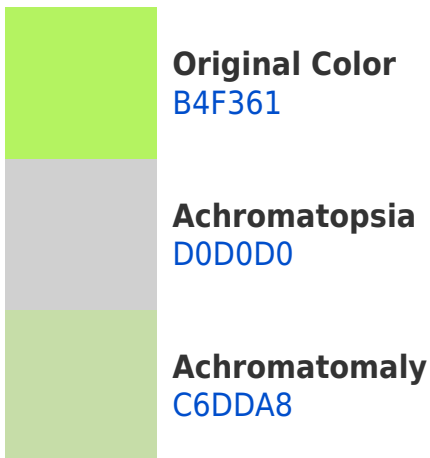


**Tritanopia**  
C8E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4F361 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 #B4F361 looks like.

```
.text, #text, p{  
    color:#B4F361  
}
```

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 #B4F361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4F361
}
```

## Border

The CSS property to change the border of an element to Hex B4F361 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
#B4F361 }
```

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

```
.border{ border-color:#B4F361 }
```

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

Here you see how a box with a 4 pixel #B4F361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4F361; -webkit-box-shadow:4px 4px  
4px 4px #B4F361; box-shadow:4px 4px 4px  
4px #B4F361 }
```

# Background

The CSS property to change the background color of an element to Hex B4F361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4F361 }
```

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

```
.background{ background-color:#B4F361 }
```

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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