

# Converting Colors

Hex(B0F689)

Have a look what the booklet for  
Hex(B0F689) contains.

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# Color

**Hex(B0F689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0F689
RGB	176, 246, 137
RGB Percent	69%, 96%, 54%
CMY	0.3098, 0.0353, 0.4627
CMYK	0.28, 0.00, 0.44, 0.04
HSL	99°, 86%, 75%
HSV	99°, 44%, 96%
XYZ	55.3756, 76.9478, 35.6007
YIQ	212.6440, -6.7310, -48.7390

# Conversions

## Conversions Part 2

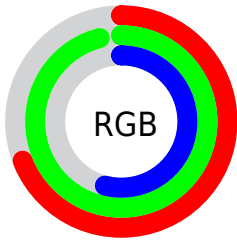
Format	Color
<a href="#">RYB</a>	<a href="#">137, 246, 207</a>
Decimal	<a href="#">11597449</a>
CIELab	<a href="#">90.30, -40.58, 45.49</a>
CIELCh	<a href="#">90, 60.956, 131.733</a>
Yxy	<a href="#">76.9478, 0.3298, 0.4582</a>
Android (android.graphics.Color)	<a href="#">4289787529</a> ( <a href="#">0xFFB0F689</a> )
YUV	<a href="#">212.6440, -37.2925, -32.1368</a>
Hunter-Lab	<a href="#">87.7199, -40.8267, 37.3413</a>

# Details

The Hex color **B0F689** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CF89F6**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **EAFFC0**, and **78BD55** is the 20% darker color. If you saturate the color by 10%, you get **A0F670**, and if you desaturate by 10%, it is **C0F6A2**.

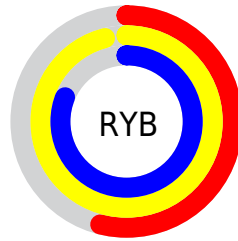
# Distribution



Red (69%)

Green (96%)

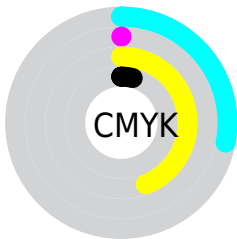
Blue (54%)



Red (54%)

Yellow (96%)

Blue (81%)

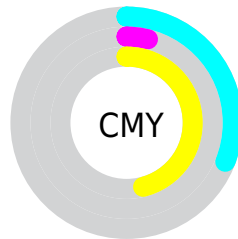


Cyan (28%)

Magenta (0%)

Yellow (44%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0F689 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 B0F689 by changing the saturation by 10% instead.



 B0F689

 B0F689

FFFFFF

 94D96F

 EAFFC0

 78BD55


 FFFFDC

 5DA23B

 FFFFF9

 428721

 256D00

 005500

 003D00

 002800

 000200

 B0F689

 B0F689

 A0F670

 C0F6A2

 90F658

 D0F6BA

 81F63F

 DFF6D3

 71F627

 EFF6EB

 61F60E

 FFF6FF

 58F600

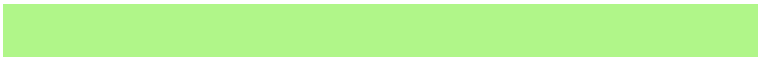
# Harmonies

## Analogous

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



F0E76D



B0F689



58FFBD

# Triad

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



B0F689



00F3FF



FFB3CE

# Complementary

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



B0F689



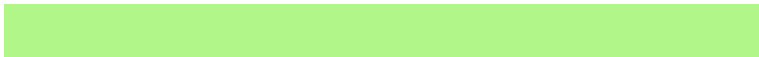
CF89F6

# Split Complementary

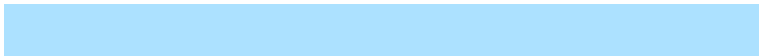
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



B0F689



ACE1FF

# Square

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



B0F689



00FEFF



FFCBFF



FFBF98

# Rectangle

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



B0F689



00FFE5



FFCBFF



FFB2E2



# Sweetspot

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



B0F689



E AFFDE



F6CE89



72806B



000000



808080

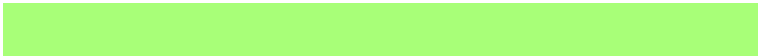


# Same Dimension

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



B0F689



A8FF78



89F698



737A6E



43BA00



153B00



# Inverse Universe

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



CF89F6



CF78FF



F689E7



766E7A



7800BA

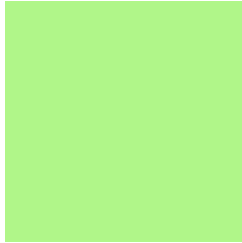


26003B



# Previews

## White Background



This preview shows how the Hex color B0F689 looks on a white background.

## Color Contrast Check

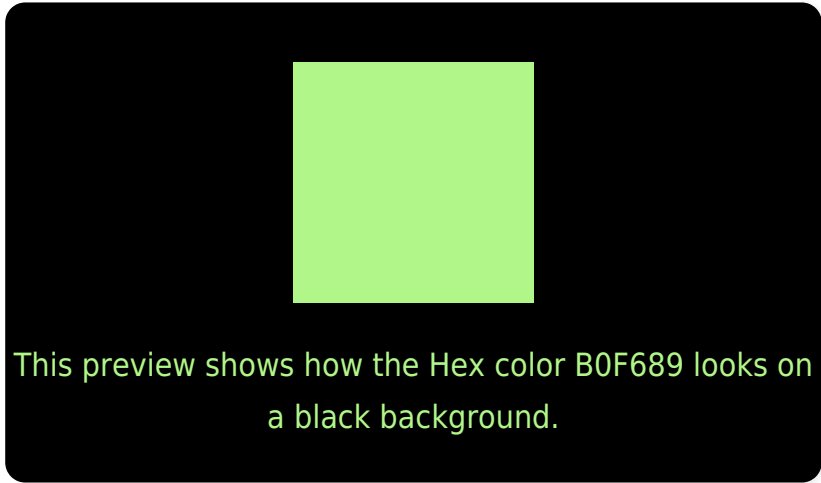
Large Text (above 18pt) WCAG AA × Fail

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

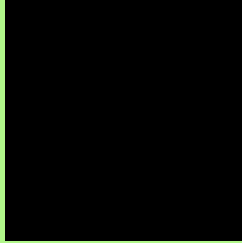
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B0F689 Background



This preview shows how black text looks on a background with the Hex color B0F689.

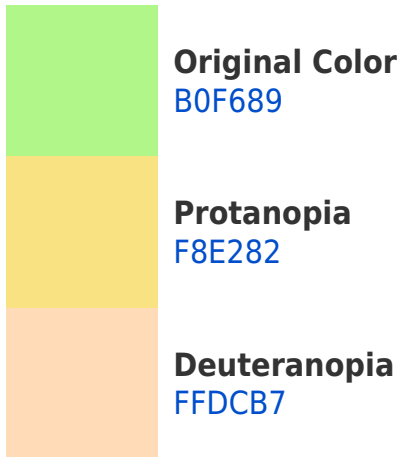


This preview shows how white text looks on a background with the Hex color B0F689.

# 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**  
C2E9FB

# Trichromacy



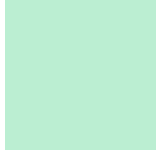
**Original Color**  
B0F689



**Protanomaly**  
DDE985



**Deuteranomaly**  
E2E5A6

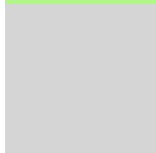


**Tritanomaly**  
BBEED2

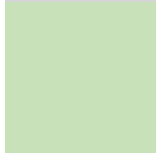
# Monochromacy



**Original Color**  
B0F689



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C8E1B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0F689 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 #B0F689 looks like.

```
.text, #text, p{  
    color:#B0F689  
}
```

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 #B0F689 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0F689
}
```

## Border

The CSS property to change the border of an element to Hex B0F689 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
#B0F689 }
```

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

```
.border{ border-color:#B0F689 }
```

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

Here you see how a box with a 4 pixel #B0F689 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0F689; -webkit-box-shadow:4px 4px  
4px 4px #B0F689; box-shadow:4px 4px 4px  
4px #B0F689 }
```

# Background

The CSS property to change the background color of an element to Hex B0F689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0F689 }
```

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

```
.background{ background-color:#B0F689 }
```

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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