

# Converting Colors

Hex(BCE06F)

Have a look what the booklet for  
Hex(BCE06F) contains.

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# Color

**Hex(BCE06F)**

# Conversions

Conversions Part 1	
Format	Color
Hex	BCE06F
RGB	188, 224, 111
RGB Percent	74%, 88%, 44%
CMY	0.2627, 0.1216, 0.5647
CMYK	0.16, 0.00, 0.50, 0.12
HSL	79°, 65%, 66%
HSV	79°, 50%, 88%
XYZ	50.2639, 65.1504, 24.9650
YIQ	200.3540, 14.8170, -42.7750

# Conversions

## Conversions Part 2

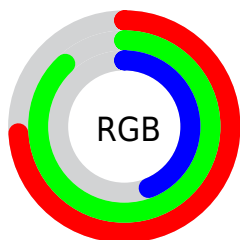
Format	Color
<a href="#">RYB</a>	<a href="#">111, 224, 147</a>
Decimal	<a href="#">12378223</a>
CIELab	<a href="#">84.56, -29.12, 50.97</a>
CIELCh	<a href="#">85, 58.701, 119.737</a>
Yxy	<a href="#">65.1504, 0.3581, 0.4641</a>
Android (android.graphics.Color)	<a href="#">4290568303</a> (0xFFBCE06F)
YUV	<a href="#">200.3540, -44.0515, -10.8345</a>
Hunter-Lab	<a href="#">80.7158, -30.0958, 38.1629</a>

# Details

The Hex color **BCE06F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **936FE0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F6FFA5**, and **84A93B** is the 20% darker color. If you saturate the color by 10%, you get **B5E059**, and if you desaturate by 10%, it is **C3E085**.

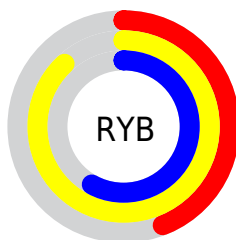
# Distribution



Red (74%)

Green (88%)

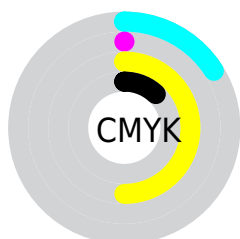
Blue (44%)



Red (44%)

Yellow (88%)

Blue (58%)

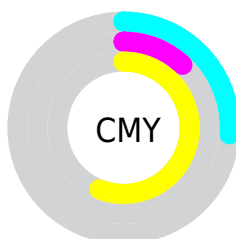


Cyan (16%)

Magenta (0%)

Yellow (50%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCE06F 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 BCE06F by changing the saturation by 10% instead.



 BCE06F

FFFFFF

 F6FFA5

 FFFFC1

 FFFFDD

 FFFFFB

 BCE06F

 A0C455

 84A93B

 698E1F

 4F7400

 355C00

 1A4400

 002D00

 001900

 000000

 BCE06F

 BCE06F

 B5E059

 C3E085

 AEE042

 CAE09C

 A7E02C

 D1E0B2

 9FE015

 D9E0C9

 99E000

 E0E0DF

 E7E0F5

 EEE0FF

 F5E0FF

 FCE0FF

# Harmonies

## Analogous

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



F4D061



BCE06F



75EA99

# Triad

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



BCE06F



00E7FF



FFA4D6

# Complementary

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



BCE06F



936FE0

# 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.



FFB0FF



BCE06F



6DD9FF

# Square

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



BCE06F



00EEFF



D6C5FF



FFAA9F

# Rectangle

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



BCE06F



1CEEBD



D6C5FF



FFA7E9

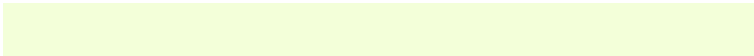


# Sweetspot

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



BCE06F



F3FFD9



E0936F



788069



000000



808080



# Same Dimension

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



BCE06F



CDFF63



84E06F



6D7065



78B000



213000



# Inverse Universe

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



936FE0



9563FF



CB6FE0



696570



3800B0



0F0030



# Previews

## White Background



This preview shows how the Hex color BCE06F looks on a white background.

## Color Contrast Check

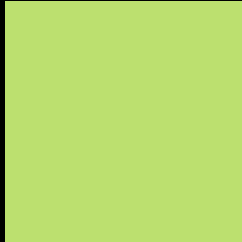
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BCE06F looks on a 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 BCE06F Background



This preview shows how black text looks on a background with the Hex color BCE06F.

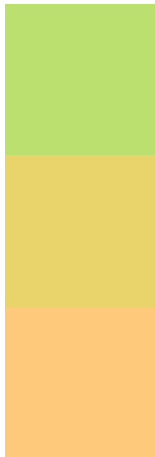


This preview shows how white text looks on a background with the Hex color BCE06F.

# 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





**Original Color**  
BCE06F

**Protanopia**  
E9D36B


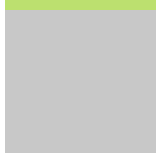
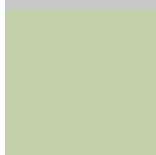
**Deuteranopia**  
FFC97C



# Trichromacy

	<b>Original Color</b> BCE06F
	<b>Protanomaly</b> D9D86C
	<b>Deuteranomaly</b> E7D177
	<b>Tritanomaly</b> C6D8B9

# Monochromacy

	<b>Original Color</b> BCE06F
	<b>Achromatopsia</b> C8C8C8
	<b>Achromatomaly</b> C4D1A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCE06F 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 #BCE06F looks like.

```
.text, #text, p{  
    color:#BCE06F  
}
```

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 #BCE06F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE06F
}
```

## Border

The CSS property to change the border of an element to Hex BCE06F 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
#BCE06F }
```

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

```
.border{ border-color:#BCE06F }
```

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

Here you see how a box with a 4 pixel #BCE06F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE06F; -webkit-box-shadow:4px 4px  
4px 4px #BCE06F; box-shadow:4px 4px 4px  
4px #BCE06F }
```

# Background

The CSS property to change the background color of an element to Hex BCE06F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE06F }
```

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

```
.background{ background-color:#BCE06F }
```

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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