

# Converting Colors

Hex(BCE66D)

Have a look what the booklet for  
Hex(BCE66D) contains.

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# **Color**

**Hex(BCE66D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCE66D
RGB	188, 230, 109
RGB Percent	74%, 90%, 43%
CMY	0.2627, 0.0980, 0.5725
CMYK	0.18, 0.00, 0.53, 0.10
HSL	81°, 71%, 66%
HSV	81°, 53%, 90%
XYZ	51.7962, 68.3891, 24.9385
YIQ	203.6480, 13.8090, -46.5350

# Conversions

## Conversions Part 2

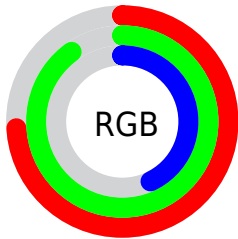
Format	Color
<a href="#">RYB</a>	<a href="#">109, 230, 151</a>
Decimal	<a href="#">12379757</a>
CIELab	<a href="#">86.20, -32.12, 53.84</a>
CIElCh	<a href="#">86, 62.692, 120.816</a>
Yxy	<a href="#">68.3891, 0.3569, 0.4712</a>
Android (android.graphics.Color)	<a href="#">4290569837 (0xFFBCE66D)</a>
YUV	<a href="#">203.6480, -46.6615, -13.7233</a>
Hunter-Lab	<a href="#">82.6977, -32.9209, 40.0088</a>

# Details

The Hex color **BCE66D** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **976DE6**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **F6FFA3**, and **84AE38** is the 20% darker color. If you saturate the color by 10%, you get **B4E656**, and if you desaturate by 10%, it is **C4E684**.

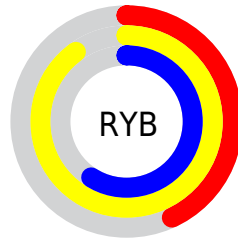
# Distribution



Red (74%)

Green (90%)

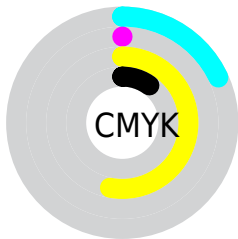
Blue (43%)



Red (43%)

Yellow (90%)

Blue (59%)

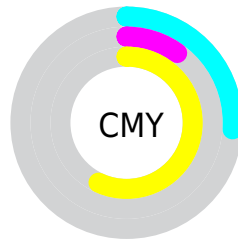


Cyan (18%)

Magenta (0%)

Yellow (53%)

Black (10%)



Cyan (26%)

Magenta (10%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCE66D 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 BCE66D by changing the saturation by 10% instead.



 BCE66D

 BCE66D

FFFFFF

 A0CA52

 F6FFA3

 84AE38

 FFFFBF

 69941B

 FFFFDC

 4E7A00

 FFFFF9

 346100

 174800

 003100

 001E00

 000000

 BCE66D

 BCE66D

 B4E656

 C4E684

 ACE63F

 CCE69B

 A4E628

 D4E6B2

 9CE611

 DCE6C9

 96E600

 E4E6E0

 ECE6F7

 F4E6FF

 FCE6FF

 FFE6FF

# Harmonies

## Analogous

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



F9D55C



BCE66D



6DF19B

# Triad

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



BCE66D



00EDFF



FFA5D8

# Complementary

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



BCE66D



976DE6

# 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.



FFB1FF



BCE66D



6ADDFE

# Square

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



BCE66D



00F4FF



DDC7FF



FFAB9E

# Rectangle

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



BCE66D



00F4C3



DDC7FF



FFA7ED

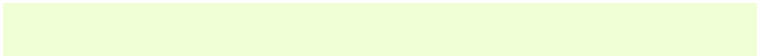


# Sweetspot

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



BCE66D



F1FFD6



E6956D



778067



000000



808080



# Same Dimension

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



BCE66D



C7FF5E



81E66D



6F7367



75B300



213300



# Inverse Universe

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



976DE6



965EFF



D26DE6



6B6773



3E00B3



120033



# Previews

## White Background



This preview shows how the Hex color BCE66D looks on a white background.

## Color Contrast Check

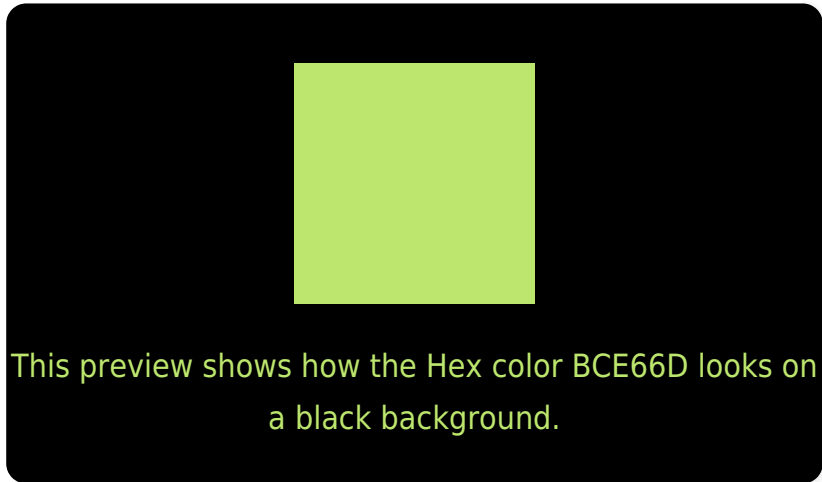
Large Text (above 18pt) WCAG AA × Fail

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 BCE66D Background



This preview shows how black text looks on a background with the Hex color BCE66D.

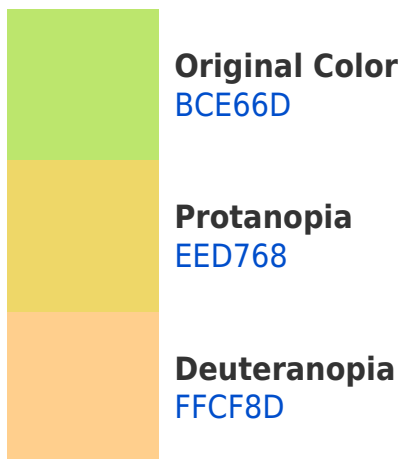


This preview shows how white text looks on a background with the Hex color BCE66D.

# Color Blindness Simulation

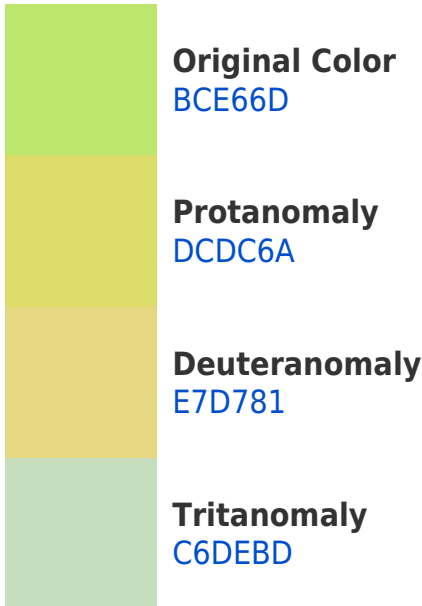
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

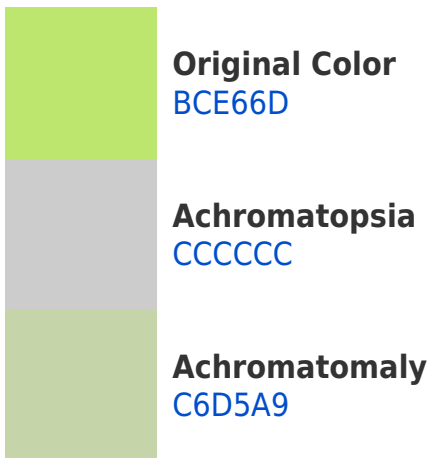




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCE66D 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 #BCE66D looks like.

```
.text, #text, p{  
    color:#BCE66D  
}
```

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 #BCE66D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE66D  
}
```

## Border

The CSS property to change the border of an element to Hex BCE66D 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  
#BCE66D }
```

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

```
.border{ border-color:#BCE66D }
```

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

Here you see how a box with a 4 pixel #BCE66D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE66D; -webkit-box-shadow:4px 4px  
4px 4px #BCE66D; box-shadow:4px 4px 4px  
4px #BCE66D }
```

# Background

The CSS property to change the background color of an element to Hex BCE66D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE66D }
```

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

```
.background{ background-color:#BCE66D }
```

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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