

# Converting Colors

Hex(BEE549)

Have a look what the booklet for  
Hex(BEE549) contains.

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**Color**

**Hex(BEE549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BEE549
RGB	190, 229, 73
RGB Percent	75%, 90%, 29%
CMY	0.2549, 0.1020, 0.7137
CMYK	0.17, 0.00, 0.68, 0.10
HSL	75°, 75%, 59%
HSV	75°, 68%, 90%
XYZ	50.4571, 67.4668, 16.6664
YIQ	199.5550, 26.8320, -56.7840

# Conversions

## Conversions Part 2

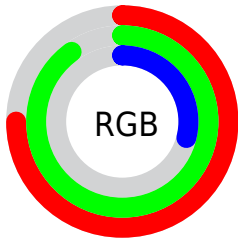
Format	Color
<a href="#">RYB</a>	<a href="#">73, 229, 112</a>
Decimal	<a href="#">12510537</a>
CIELab	<a href="#">85.74, -33.68, 68.43</a>
CIElCh	<a href="#">86, 76.265, 116.205</a>
Yxy	<a href="#">67.4668, 0.3749, 0.5013</a>
Android (android.graphics.Color)	<a href="#">4290700617 (0xFFBEE549)</a>
YUV	<a href="#">199.5550, -62.3916, -8.3797</a>
Hunter-Lab	<a href="#">82.1382, -34.0901, 45.4664</a>

# Details

The Hex color **BEE549** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **7049E5**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F9FF82**, and **85AD00** is the 20% darker color. If you saturate the color by 10%, you get **B8E532**, and if you desaturate by 10%, it is **C4E560**.

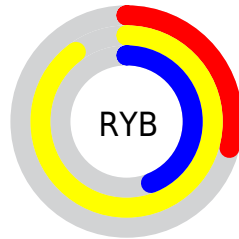
# Distribution



Red (75%)

Green (90%)

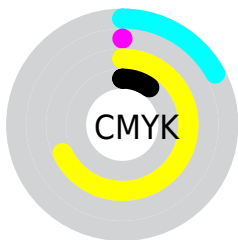
Blue (29%)



Red (29%)

Yellow (90%)

Blue (44%)

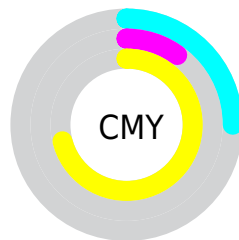


Cyan (17%)

Magenta (0%)

Yellow (68%)

Black (10%)



Cyan (25%)

Magenta (10%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEE549 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 BEE549 by changing the saturation by 10% instead.



 BEE549

 BEE549

FFFFFF

 A1C92A

 F9FF82

 85AD00

 FFFF9E

 699300

 FFFFBA

 4D7900

 FFFFD7

 316000

 FFFFF5

 114800

 003100

 001C00

 000000

 BEE549

 BEE549

 B8E532

 C4E560

 B3E51B

 C9E577

 ADE504

 CFE58E

 ACE500

 D5E5A5

 DBE5BB

 E0E5D2

 E6E5E9

 ECE5FF

 F2E5FF

# Harmonies

## Analogous

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



FFD039



BEE549



5BF282

# Triad

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



BEE549



00F2FF



FF94E3

# Complementary

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



BEE549



7049E5

# 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.



FFA8FF



BEE549



00E1FF

# Square

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



BEE549



00F9FF



C7C7FF



FF9A9B

# Rectangle

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



BEE549



00F7B1



C7C7FF



FF98FB

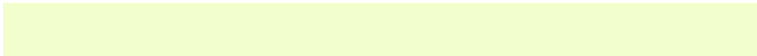


# Sweetspot

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



BEE549



F2FFCC



E57049



788061



000000



808080



# Same Dimension

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



BEE549



CBFF2E



70E549



707367



86B300



263300



# Inverse Universe

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



7049E5



622EFF



BE49E5



6A6773



2D00B3



0D0033



# Previews

## White Background



This preview shows how the Hex color BEE549 looks on a white background.

## Color Contrast Check

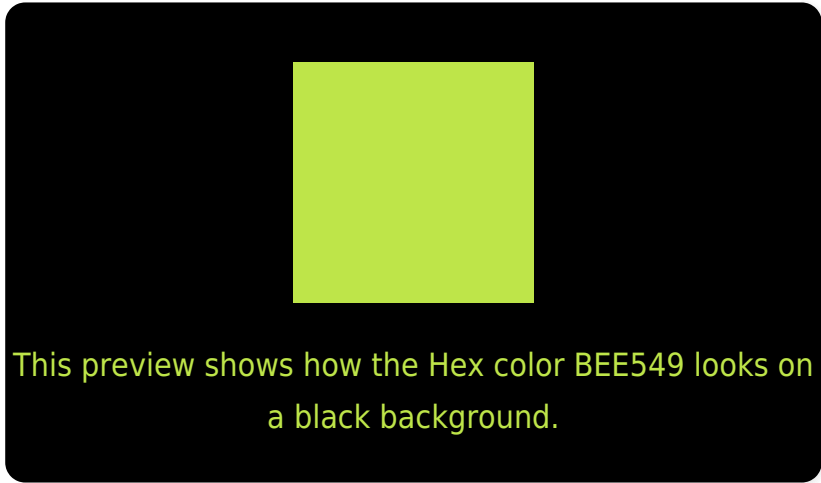
Large Text (above 18pt) WCAG AA × Fail

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 BEE549 Background



This preview shows how black text looks on a background with the Hex color BEE549.

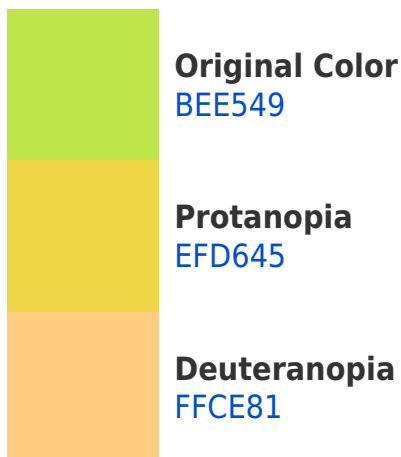


This preview shows how white text looks on a background with the Hex color BEE549.

# Color Blindness Simulation

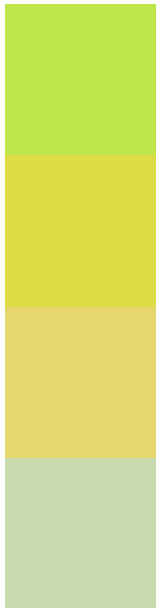
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



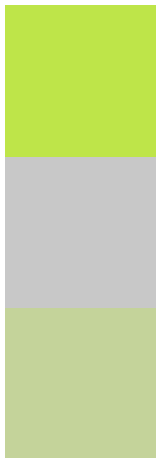
**Original Color**  
BEE549

**Protanomaly**  
DDDB46

**Deuteranomaly**  
E7D66D

**Tritanomaly**  
C9DBAE

# Monochromacy



**Original Color**  
BEE549

**Achromatopsia**  
C8C8C8

**Achromatomaly**  
C4D39A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEE549 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 #BEE549 looks like.

```
.text, #text, p{  
    color:#BEE549  
}
```

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 #BEE549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEE549
}
```

## Border

The CSS property to change the border of an element to Hex BEE549 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
#BEE549 }
```

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

```
.border{ border-color:#BEE549 }
```

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

Here you see how a box with a 4 pixel #BEE549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEE549; -webkit-box-shadow:4px 4px  
4px 4px #BEE549; box-shadow:4px 4px 4px  
4px #BEE549 }
```

# Background

The CSS property to change the background color of an element to Hex BEE549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEE549 }
```

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

```
.background{ background-color:#BEE549 }
```

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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