

# Converting Colors

Hex(BBE359)

Have a look what the booklet for  
Hex(BBE359) contains.

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# **Color**

**Hex(BBE359)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBE359
RGB	187, 227, 89
RGB Percent	73%, 89%, 35%
CMY	0.2667, 0.1098, 0.6510
CMYK	0.18, 0.00, 0.61, 0.11
HSL	77°, 71%, 62%
HSV	77°, 61%, 89%
XYZ	49.7658, 66.2242, 19.6108
YIQ	199.3080, 20.4580, -51.3980

# Conversions

## Conversions Part 2

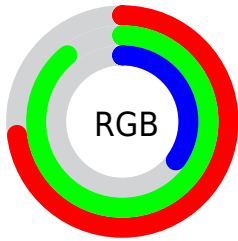
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 227, 129
Decimal	12313433
CIE <sub>Lab</sub>	85.11, -32.83, 61.38
CIE <sub>LCh</sub>	85, 69.608, 118.137
Yxy	66.2242, 0.3670, 0.4884
Android (android.graphics.Color)	4290503513 (0xFFBBE359)
YUV	199.3080, -54.3818, -10.7941
Hunter-Lab	81.3783, -33.2527, 42.6769

# Details

The Hex color **BBE359** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **8159E3**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **F6FF90**, and **82AB1E** is the 20% darker color. If you saturate the color by 10%, you get **B4E342**, and if you desaturate by 10%, it is **C2E370**.

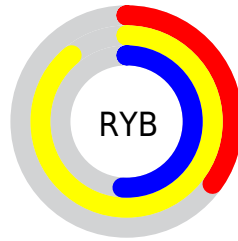
# Distribution



Red (73%)

Green (89%)

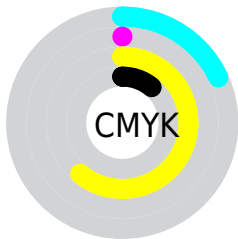
Blue (35%)



Red (35%)

Yellow (89%)

Blue (51%)

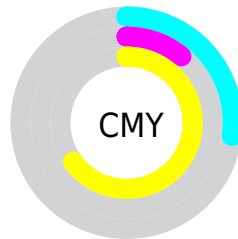


Cyan (18%)

Magenta (0%)

Yellow (61%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBE359 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 BBE359 by changing the saturation by 10% instead.



 BBE359

 BBE359

FFFFFF

 9EC73D

 F6FF90

 82AB1E


 FFFFAC

 679100

 FFFFC8

 4C7700

 FFFF E5

 315E00

 114600

 002F00

 001A00

 000000

 BBE359

 BBE359

 B4E342

 C2E370

 AEE32C

 C8E386

 A7E315

 CFE39D

 A1E300

 D5E3B4

 DCE3CB

 E2E3E1

 E9E3F8

 F0E3FF

 F6E3FF

# Harmonies

## Analogous

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



FCD049



BBE359



62EF8C

# Triad

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



BBE359



00EDFF



FF9ADB

# Complementary

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



BBE359



8159E3

# 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.



FFAAFF



BBE359



11DDFF

# Square

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



BBE359



00F4FF



D0C5FF



FFA09A

# Rectangle

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



BBE359



00F3B7



D0C5FF



FF9DF2

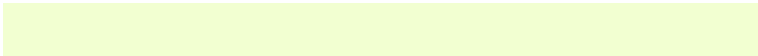


# Sweetspot

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



BBE359



F2FFD1



E38059



778063



000000



808080



# Same Dimension

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



BBE359



C9FF45



77E359



6F7367



7FB300



243300



# Inverse Universe

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



8159E3



7B45FF



C559E3



6B6773



3400B3



0F0033



# Previews

## White Background



This preview shows how the Hex color BBE359 looks on a white background.

## Color Contrast Check

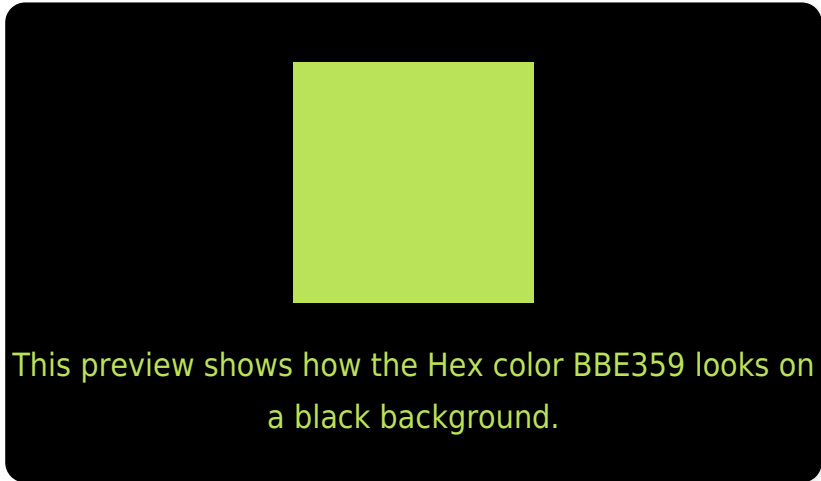
Large Text (above 18pt) WCAG AA × Fail

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 BBE359 Background



This preview shows how black text looks on a background with the Hex color BBE359.



This preview shows how white text looks on a background with the Hex color BBE359.

# 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**  
BBE359

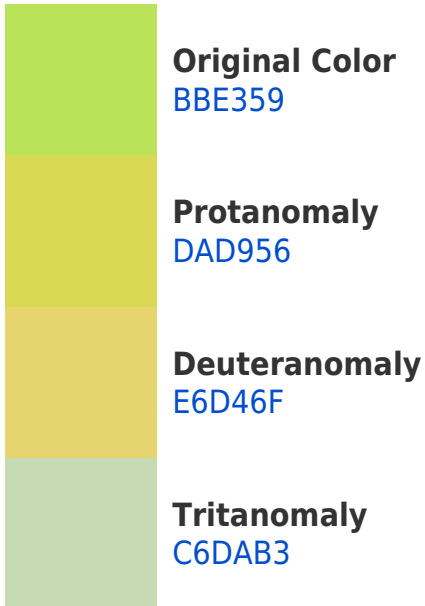
**Protanopia**  
ECD455

**Deuteranopia**  
FFCB7C

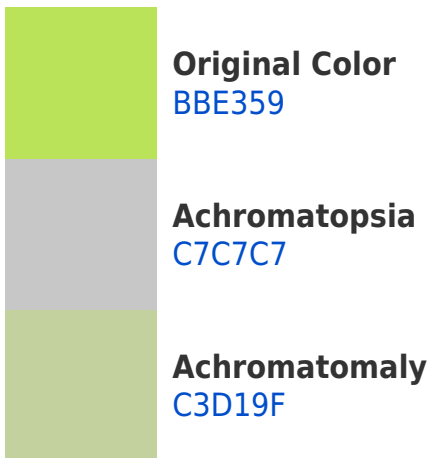


**Tritanopia**  
CCD5E6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBE359 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 #BBE359 looks like.

```
.text, #text, p{  
    color:#BBE359  
}
```

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 #BBE359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBE359
}
```

## Border

The CSS property to change the border of an element to Hex BBE359 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
#BBE359 }
```

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

```
.border{ border-color:#BBE359 }
```

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

Here you see how a box with a 4 pixel #BBE359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBE359; -webkit-box-shadow:4px 4px  
4px 4px #BBE359; box-shadow:4px 4px 4px  
4px #BBE359 }
```

# Background

The CSS property to change the background color of an element to Hex BBE359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBE359 }
```

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

```
.background{ background-color:#BBE359 }
```

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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