

# Converting Colors

Hex(3BE24C)

Have a look what the booklet for  
Hex(3BE24C) contains.

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# Color

**Hex(3BE24C)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3BE24C
RGB	59, 226, 76
RGB Percent	23%, 89%, 30%
CMY	0.7686, 0.1137, 0.7020
CMYK	0.74, 0.00, 0.66, 0.11
HSL	126°, 74%, 56%
HSV	126°, 74%, 89%
XYZ	30.3045, 55.8443, 16.0193
YIQ	158.9670, -51.3820, -82.0540

# Conversions

## Conversions Part 2

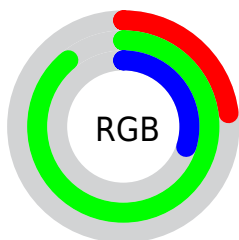
Format	Color
R <sub>Y</sub> B	59, 211, 226
Decimal	3924556
CIE Lab	79.53, -70.17, 59.12
CIE LCh	80, 91.750, 139.885
Yxy	55.8443, 0.2966, 0.5466
Android (android.graphics.Color)	4282114636 (0xFF3BE24C)
YUV	158.9670, -40.9027, -87.6711
Hunter-Lab	74.7291, -58.3897, 39.6006

# Details

The Hex color **3BE24C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E23BD1**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **82FF83**, and **00A908** is the 20% darker color. If you saturate the color by 10%, you get **24E238**, and if you desaturate by 10%, it is **52E260**.

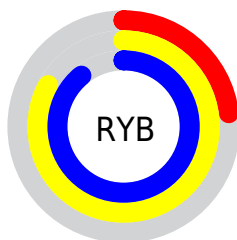
# Distribution



Red (23%)

Green (89%)

Blue (30%)



Red (23%)

Yellow (83%)

Blue (89%)

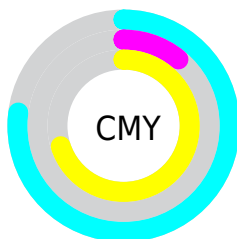


Cyan (74%)

Magenta (0%)

Yellow (66%)

Black (11%)



Cyan (77%)

Magenta (11%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BE24C 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 3BE24C by changing the saturation by 10% instead.



 3BE24C

FFFFFF

 82FF83

 A2FF9F

 C1FFBB

 E0FFD8

 FFFFF5

 3BE24C

 00C52F

 00A908

 008E00

 007300

 005800

 004000

 002700

 000000

 3BE24C

 3BE24C

 24E238

 52E260

 0EE223

 68E275

 00E217

 7FE289

 95E29D

 ACE2B1

 C3E2C6

 D9E2DA

 F0E2EE

 FFE2FF

# Harmonies

## Analogous

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



B6D200



3BE24C



00EAA4

# Triad

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



3BE24C



00D8FF



FF6C90

# Complementary

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



3BE24C



E23BD1

# 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.



FF6CE6



3BE24C



7EBBFF

# Square

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



3BE24C



00E7FF



FF92FF



FF9140

# Rectangle

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



3BE24C



00ECE0



FF92FF



FF66AC

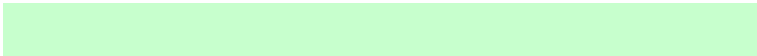


# Sweetspot

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



3BE24C



C7FFCD



D1E23B



5E8062



000000



808080



# Same Dimension

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



3BE24C



1CFF33



3BE29F



657066



00B012



003005



# Inverse Universe

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



E23BD1



FF1CE8



E23B7E



70656F



B0009E

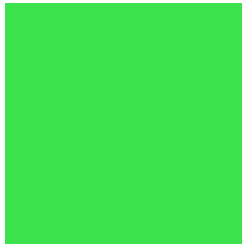


30002C



# Previews

## White Background



This preview shows how the Hex color 3BE24C looks on a white background.

## Color Contrast Check

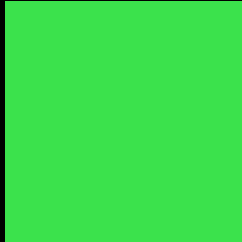
Large Text (above 18pt) WCAG AA × Fail

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 3BE24C 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 3BE24C Background



This preview shows how black text looks on a background with the Hex color 3BE24C.

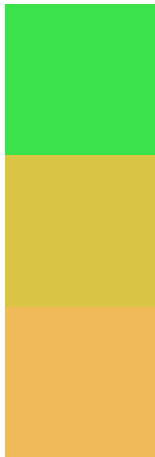


This preview shows how white text looks on a background with the Hex color 3BE24C.

# 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](#).

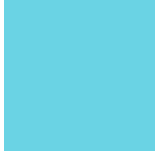
## Dichromacy



**Original Color**  
3BE24C

**Protanopia**  
DAC444

**Deuteranopia**  
F1BA59



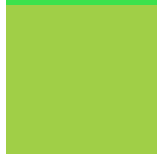
**Tritanopia**  
6AD3E4

# Trichromacy



**Original Color**

3BE24C



**Protanomaly**

A0CF47



**Deuteranomaly**

AFC954



**Tritanomaly**

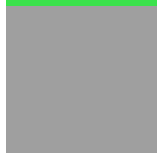
59D8AD

# Monochromacy



**Original Color**

3BE24C



**Achromatopsia**

9F9F9F



**Achromatomaly**

7BB781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BE24C 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 #3BE24C looks like.

```
.text, #text, p{  
    color:#3BE24C  
}
```

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 #3BE24C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BE24C
}
```

## Border

The CSS property to change the border of an element to Hex 3BE24C 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
#3BE24C }
```

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

```
.border{ border-color:#3BE24C }
```

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

Here you see how a box with a 4 pixel #3BE24C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BE24C; -webkit-box-shadow:4px 4px  
4px 4px #3BE24C; box-shadow:4px 4px 4px  
4px #3BE24C }
```

# Background

The CSS property to change the background color of an element to Hex 3BE24C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BE24C }
```

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

```
.background{ background-color:#3BE24C }
```

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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