

# Converting Colors

Hex(3BE248)

Have a look what the booklet for  
Hex(3BE248) contains.

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**Color**

**Hex(3BE248)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BE248
RGB	59, 226, 72
RGB Percent	23%, 89%, 28%
CMY	0.7686, 0.1137, 0.7176
CMYK	0.74, 0.00, 0.68, 0.11
HSL	125°, 74%, 56%
HSV	125°, 74%, 89%
XYZ	30.1697, 55.7904, 15.3094
YIQ	158.5110, -50.0980, -83.2980

# Conversions

## Conversions Part 2

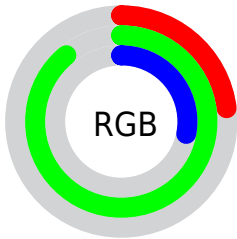
Format	Color
<a href="#">RYB</a>	<a href="#">59, 214, 226</a>
Decimal	<a href="#">3924552</a>
CIELab	<a href="#">79.49, -70.54, 60.65</a>
CIELCh	<a href="#">79, 93.027, 139.313</a>
Yxy	<a href="#">55.7904, 0.2979, 0.5509</a>
Android (android.graphics.Color)	<a href="#">4282114632</a> ( <a href="#">0xFF3BE248</a> )
YUV	<a href="#">158.5110, -42.6499, -87.2711</a>
Hunter-Lab	<a href="#">74.6930, -58.6137, 40.1327</a>

# Details

The Hex color **3BE248** 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 **E23BD5**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **82FF7F**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **24E233**, and if you desaturate by 10%, it is **52E25D**.

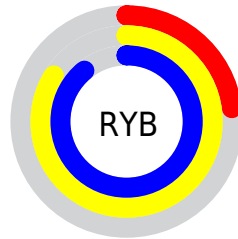
# Distribution



Red (23%)

Green (89%)

Blue (28%)



Red (23%)

Yellow (84%)

Blue (89%)

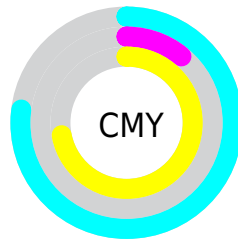


Cyan (74%)

Magenta (0%)

Yellow (68%)

Black (11%)



Cyan (77%)

Magenta (11%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BE248 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 3BE248 by changing the saturation by 10% instead.



 3BE248

 3BE248

FFFFFF

 00C52A

 82FF7F

 00A900

 A2FF9B

 008E00

 C1FFB8

 007300

 E0FFD4

 005800

 FFFFF2

 004000

 002700

 000000

 3BE248

 3BE248

 24E233

 52E25D

 0EE21E

 68E272

 00E212

 7FE287

 95E29B

 ACE2B0

 C3E2C5

 D9E2DA

 F0E2EF

 FFE2FF

# Harmonies

## Analogous

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



B7D200



3BE248



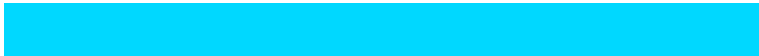
00EAA2

# Triad

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



3BE248



00D8FF



FF6991

# Complementary

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



3BE248



E23BD5

# 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.



FF6AE8



3BE248



77BBFF

# Square

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



3BE248



00E7FF



FF92FF



FF8F40

# Rectangle

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



3BE248



00ECDF



FF92FF



FF63AE

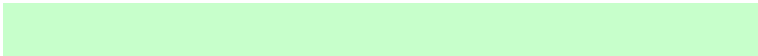


# Sweetspot

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



3BE248



C7FFCB



D7E23B



5E8061



000000



808080



# Same Dimension

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



3BE248



1CFF2E



3BE29A



657066



00B00E



003004



# Inverse Universe

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



E23BD5



FF1CED



E23B83



70656F



B000A2

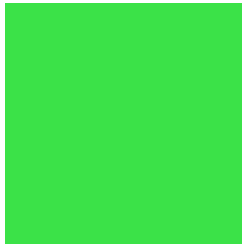


30002D



# Previews

## White Background



This preview shows how the Hex color 3BE248 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 3BE248 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 3BE248 Background



This preview shows how black text looks on a background with the Hex color 3BE248.

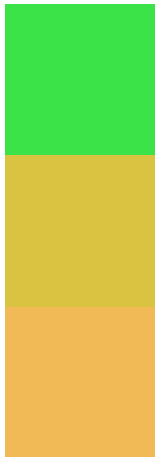


This preview shows how white text looks on a background with the Hex color 3BE248.

# 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](#).

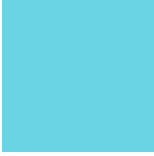
## Dichromacy



**Original Color**  
3BE248

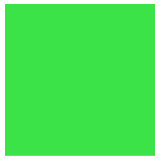
**Protanopia**  
DAC340

**Deuteranopia**  
F2BA56



**Tritanopia**  
6AD3E4

# Trichromacy



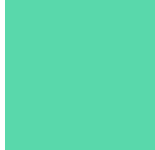
**Original Color**  
3BE248



**Protanomaly**  
A0CE43



**Deuteranomaly**  
AFC951



**Tritanomaly**  
59D8AB

# Monochromacy



**Original Color**  
3BE248



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
7BB77F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BE248 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 #3BE248 looks like.

```
.text, #text, p{  
    color:#3BE248  
}
```

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 #3BE248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BE248
}
```

## Border

The CSS property to change the border of an element to Hex 3BE248 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
#3BE248 }
```

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

```
.border{ border-color:#3BE248 }
```

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

Here you see how a box with a 4 pixel #3BE248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BE248; -webkit-box-shadow:4px 4px  
4px 4px #3BE248; box-shadow:4px 4px 4px  
4px #3BE248 }
```

# Background

The CSS property to change the background color of an element to Hex 3BE248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BE248 }
```

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

```
.background{ background-color:#3BE248 }
```

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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