

# Converting Colors

Hex(43BC4E)

Have a look what the booklet for  
Hex(43BC4E) contains.

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# Color

Hex(43BC4E)

# Conversions

## Conversions Part 1

Format	Color
Hex	43BC4E
RGB	67, 188, 78
RGB Percent	26%, 74%, 31%
CMY	0.7373, 0.2627, 0.6941
CMYK	0.64, 0.00, 0.59, 0.26
HSL	125°, 47%, 50%
HSV	125°, 64%, 74%
XYZ	21.6731, 37.7098, 13.3442
YIQ	139.2810, -36.8060, -59.8620

# Conversions

## Conversions Part 2

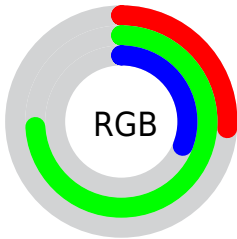
Format	Color
<a href="#">RYB</a>	<a href="#">67, 178, 188</a>
Decimal	<a href="#">4439118</a>
CIELab	<a href="#">67.81, -55.77, 45.15</a>
CIELCh	<a href="#">68, 71.752, 141.006</a>
Yxy	<a href="#">37.7098, 0.2980, 0.5185</a>
Android (android.graphics.Color)	<a href="#">4282629198 (0xFF43BC4E)</a>
YUV	<a href="#">139.2810, -30.2115, -63.3904</a>
Hunter-Lab	<a href="#">61.4083, -44.4657, 30.1020</a>

# Details

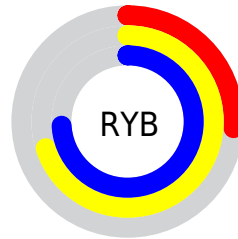
The Hex color **43BC4E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BC43B1**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **80F582**, and **008519** is the 20% darker color. If you saturate the color by 10%, you get **30BC3D**, and if you desaturate by 10%, it is **56BC5F**.

# Distribution



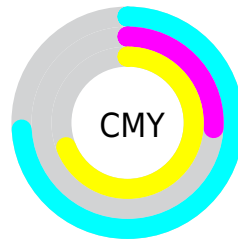
- Red (26%)
- Green (74%)
- Blue (31%)



- Red (26%)
- Yellow (70%)
- Blue (74%)



- Cyan (64%)
- Magenta (0%)
- Yellow (59%)
- Black (26%)



- Cyan (74%)
- Magenta (26%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 43BC4E 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 43BC4E by changing the saturation by 10% instead.



 43BC4E

 43BC4E

FFFFFF

 1CA034

 80F582

 008519

 9EFF9D

 006B00

 BBFFB9

 005200

 D9FFD5

 003900

 F7FFF2

 002200

 000000

 43BC4E

 43BC4E

 30BC3D

 56BC5F

 1DBC2C

 69BC70

 0BBC1B

 7BBC81

 00BC11

 8EBC92

 A1BCA3

 B4BCB5

 C7BCC6

 D9BCD7

 ECBCE8

# Harmonies

## Analogous

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



99B012



43BC4E



00C28F

# Triad

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



43BC4E



00B2FF



FF687B

# Complementary

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



43BC4E



BC43B1

# 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.



FF67BC



43BC4E



7D9CFF

# Square

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



43BC4E



00BFFF



E07FF8



FF8040

# Rectangle

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



43BC4E



00C3BC



E07FF8



FF6490

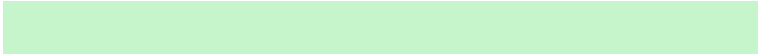


# Sweetspot

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



43BC4E



C6F5CB



B2BC43



5E7A61



FAFAFA



7A7A7A



# Same Dimension

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



43BC4E



38F549



43BC8A



555E56



009E0E



001F03



# Inverse Universe

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



BC43B1



F538E4



BC4375



5E555D



9E0090



1F001C



# Previews

## White Background



This preview shows how the Hex color 43BC4E looks on a white background.

## Color Contrast Check

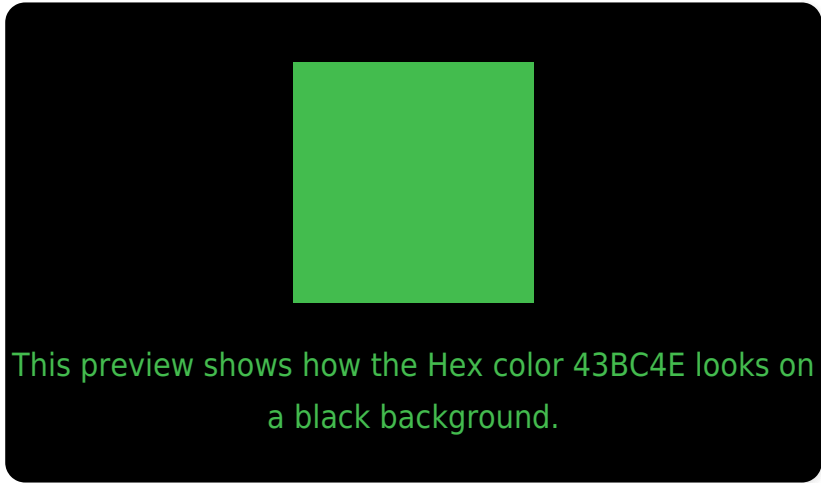
Large Text (above 18pt) WCAG AA × Fail

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

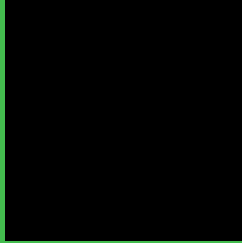
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 43BC4E Background



This preview shows how black text looks on a background with the Hex color 43BC4E.



This preview shows how white text looks on a background with the Hex color 43BC4E.

# 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](#).

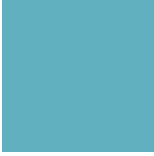
## Dichromacy



**Original Color**  
43BC4E

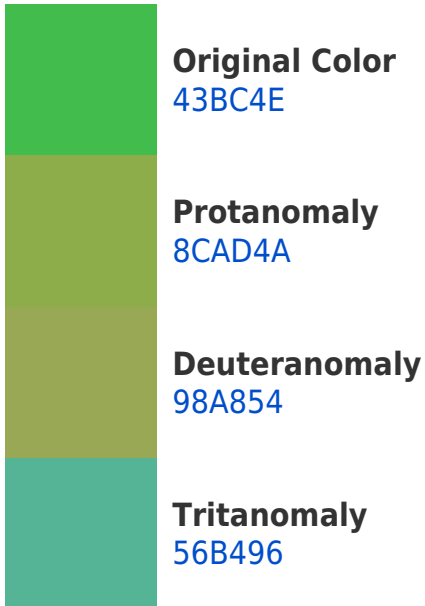
**Protanopia**  
B6A447

**Deuteranopia**  
C99C57

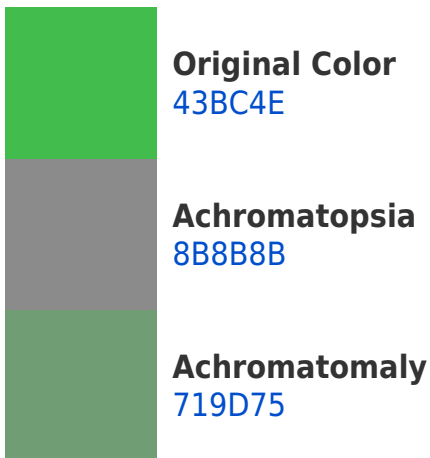


**Tritanopia**  
61B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 43BC4E 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 #43BC4E looks like.

```
.text, #text, p{  
    color:#43BC4E  
}
```

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 #43BC4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43BC4E
}
```

## Border

The CSS property to change the border of an element to Hex 43BC4E 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
#43BC4E }
```

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

```
.border{ border-color:#43BC4E }
```

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

Here you see how a box with a 4 pixel #43BC4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43BC4E; -webkit-box-shadow:4px 4px  
4px 4px #43BC4E; box-shadow:4px 4px 4px  
4px #43BC4E }
```

# Background

The CSS property to change the background color of an element to Hex 43BC4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43BC4E }
```

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

```
.background{ background-color:#43BC4E }
```

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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