

# Converting Colors

Hex(4BCE5A)

Have a look what the booklet for  
Hex(4BCE5A) contains.

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# Color

Hex(4BCE5A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4BCE5A
RGB	75, 206, 90
RGB Percent	29%, 81%, 35%
CMY	0.7059, 0.1922, 0.6471
CMYK	0.64, 0.00, 0.56, 0.19
HSL	127°, 57%, 55%
HSV	127°, 64%, 81%
XYZ	26.8184, 46.3767, 17.2110
YIQ	153.6070, -40.8400, -63.8480

# Conversions

## Conversions Part 2

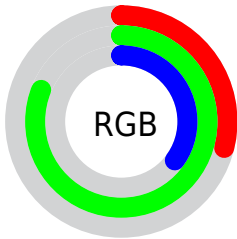
Format	Color
<a href="#">RYB</a>	<a href="#">75, 193, 206</a>
Decimal	<a href="#">4968026</a>
CIELab	<a href="#">73.79, -59.08, 46.67</a>
CIELCh	<a href="#">74, 75.288, 141.691</a>
Yxy	<a href="#">46.3767, 0.2966, 0.5130</a>
Android (android.graphics.Color)	<a href="#">4283158106 (0xFF4BCE5A)</a>
YUV	<a href="#">153.6070, -31.3583, -68.9383</a>
Hunter-Lab	<a href="#">68.1004, -48.8812, 32.6860</a>

# Details

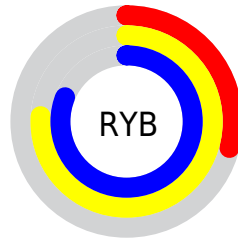
The Hex color **4BCE5A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **CE4BBF**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **89FF8F**, and **009626** is the 20% darker color. If you saturate the color by 10%, you get **36CE48**, and if you desaturate by 10%, it is **60CE6C**.

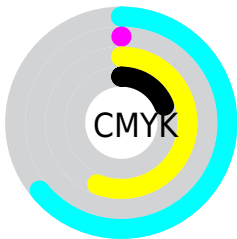
# Distribution



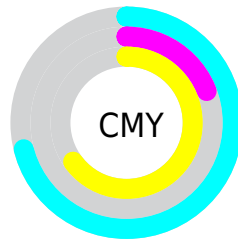
- Red (29%)
- Green (81%)
- Blue (35%)



- Red (29%)
- Yellow (76%)
- Blue (81%)



- Cyan (64%)
- Magenta (0%)
- Yellow (56%)
- Black (19%)



- Cyan (71%)
- Magenta (19%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BCE5A 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 4BCE5A by changing the saturation by 10% instead.



 4BCE5A

 4BCE5A

FFFFFF

 25B240

 89FF8F

 009626

 A7FFAA

 007C04

 C5FFC6

 006200

 E3FFE3

 004800

 003200

 001600

 000000

 4BCE5A

 4BCE5A

 36CE48

 60CE6C

 22CE36

 74CE7E

 0DCE23

 89CE91

 00CE18

 9DCEA3

 B2CEB5

 C7CEC7

 DBCEDA

 F0CEEC

 FFCEFE

# Harmonies

## Analogous

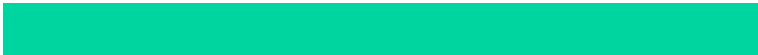
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7C11E



4BCE5A



00D59F

# Triad

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



4BCE5A



00C3FF



FF7587

# Complementary

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



4BCE5A



CE4BBF

# 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.



FF73CC



4BCE5A



8FABFF

# Square

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



4BCE5A



00D1FF



F68CFF



FF8F49

# Rectangle

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



4BCE5A



00D6CF



F68CFF



FF719D

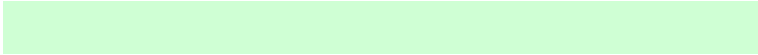


# Sweetspot

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



4BCE5A



CFFFD4



C1CE4B



628066



000000



808080



# Same Dimension

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



4BCE5A



3DFF53



4BCE9A



5C665D



00A613



002604



# Inverse Universe

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



CE4BBF



FF3DE9



CE4B7F



665C65



A60093

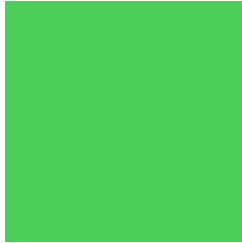


260022



# Previews

## White Background



This preview shows how the Hex color 4BCE5A looks on a white background.

## Color Contrast Check

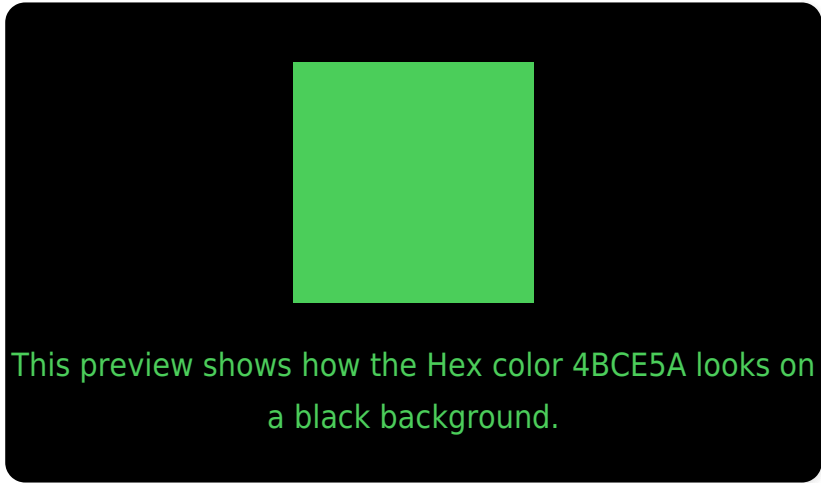
Large Text (above 18pt) WCAG AA × Fail

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

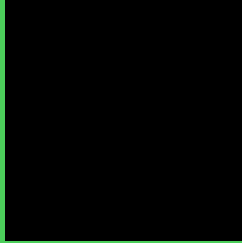
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4BCE5A Background



This preview shows how black text looks on a background with the Hex color 4BCE5A.

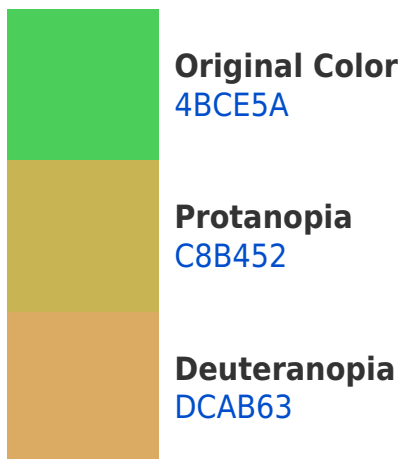


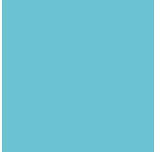
This preview shows how white text looks on a background with the Hex color 4BCE5A.

# 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





**Tritanopia**  
6BC2D1

# Trichromacy



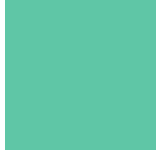
**Original Color**  
4BCE5A



**Protanomaly**  
9BBD55



**Deuteranomaly**  
A7B860

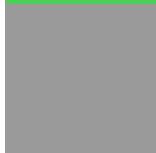


**Tritanomaly**  
5FC6A6

# Monochromacy



**Original Color**  
4BCE5A



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
7DAD83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BCE5A 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 #4BCE5A looks like.

```
.text, #text, p{  
    color:#4BCE5A  
}
```

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 #4BCE5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BCE5A
}
```

## Border

The CSS property to change the border of an element to Hex 4BCE5A 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
#4BCE5A }
```

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

```
.border{ border-color:#4BCE5A }
```

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

Here you see how a box with a 4 pixel #4BCE5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BCE5A; -webkit-box-shadow:4px 4px  
4px 4px #4BCE5A; box-shadow:4px 4px 4px  
4px #4BCE5A }
```

# Background

The CSS property to change the background color of an element to Hex 4BCE5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BCE5A }
```

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

```
.background{ background-color:#4BCE5A }
```

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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