

Converting Colors

Hex(4BE76A)

Have a look what the booklet for
Hex(4BE76A) contains.

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Color

Hex(4BE76A)

Conversions

Conversions Part 1

Format	Color
Hex	4BE76A
RGB	75, 231, 106
RGB Percent	29%, 91%, 42%
CMY	0.7059, 0.0941, 0.5843
CMYK	0.68, 0.00, 0.54, 0.09
HSL	132°, 76%, 60%
HSV	132°, 68%, 91%
XYZ	34.0791, 59.6883, 23.3605
YIQ	170.1060, -52.8510, -71.9470

Conversions

Conversions Part 2

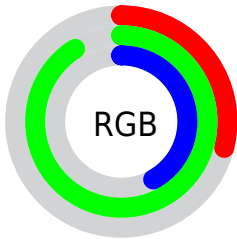
Format	Color
RYB	75, 205, 231
Decimal	4974442
CIELab	81.67, -65.77, 48.66
CIELCh	82, 81.819, 143.504
Yxy	59.6883, 0.2910, 0.5096
Android (android.graphics.Color)	4283164522 (0xFF4BE76A)
YUV	170.1060, -31.6043, -83.4080
Hunter-Lab	77.2582, -56.4644, 36.1533

Details

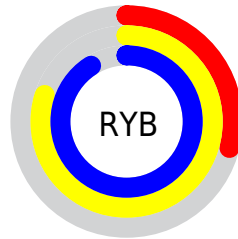
The Hex color **4BE76A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle muted spring green. A complement of this color would be **E74BC8**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8DFFA0**, and **00AE35** is the 20% darker color. If you saturate the color by 10%, you get **34E757**, and if you desaturate by 10%, it is **62E77D**.

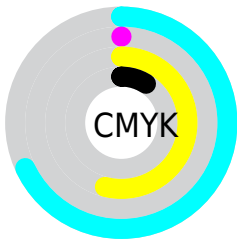
Distribution



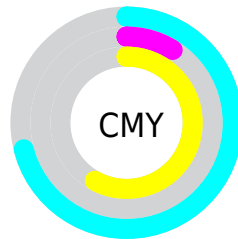
- Red (29%)
- Green (91%)
- Blue (42%)



- Red (29%)
- Yellow (80%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (54%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BE76A 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 4BE76A by changing the saturation by 10% instead.

 4BE76A

 4BE76A


FFFFFF

 1DCA50

 8DFFA0

 00AE35

 ACFFBC

 009219

 CAFFD8

 007800

 E9FFF5

 005D00

 004400

 002C00

 000B00

 000000

 4BE76A

 4BE76A

 34E757

 62E77D

 1DE745

 79E78F

 06E732

 90E7A2

 00E72E

 A7E7B4

 BFE7C7

 D6E7D9

 EDE7EC

 FFE7FE

 FFE7FF

Harmonies

Analogous

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



B6D927



4BE76A



00EEB7

Triad

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



4BE76A



00D9FF



FF8593

Complementary

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



4BE76A



E74BC8

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.



FF81DF



4BE76A



AABEFF

Square

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



4BE76A



00E9FF



FF9BFF



FFA24F

Rectangle

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



4BE76A



00EFED



FF9BFF



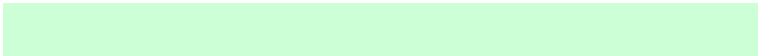
FF80AC

Sweetspot

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



4BE76A



CCFFD6



CAE74B



618067



000000



808080

Same Dimension

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



4BE76A



30FF59



4BE7B6



67736A



00B323



00330A

Inverse Universe

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



E74BC8



FF30D6



E74B7C



736770



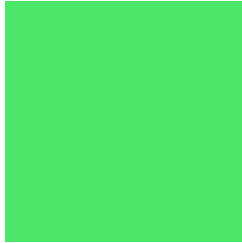
B3008F



330029

Previews

White Background



This preview shows how the Hex color 4BE76A looks on a white background.

Color Contrast Check

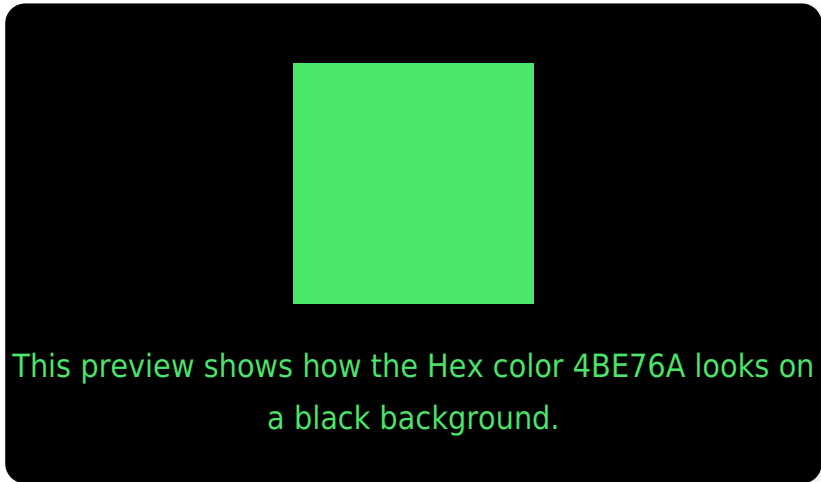
Large Text (above 18pt) WCAG AA × Fail

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

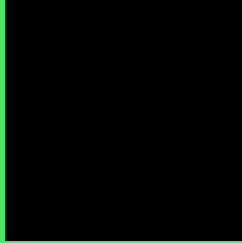
Any Text WCAG AA ✓ Pass

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 4BE76A Background



This preview shows how black text looks on a background with the Hex color 4BE76A.

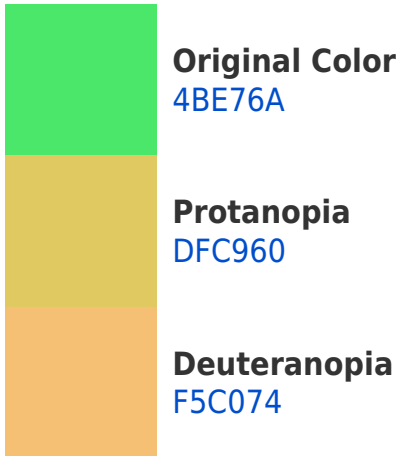


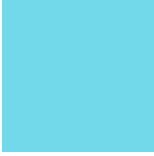
This preview shows how white text looks on a background with the Hex color 4BE76A.

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](#).

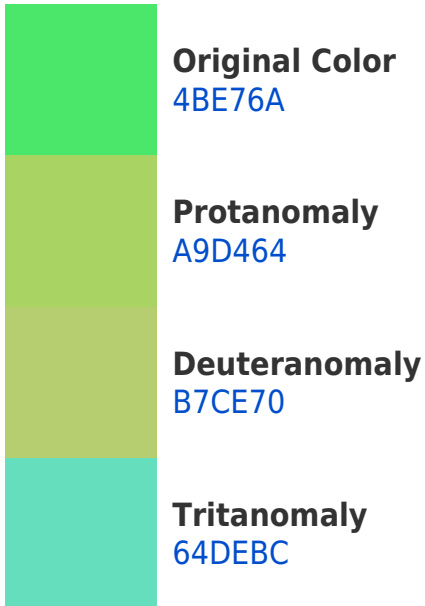
Dichromacy



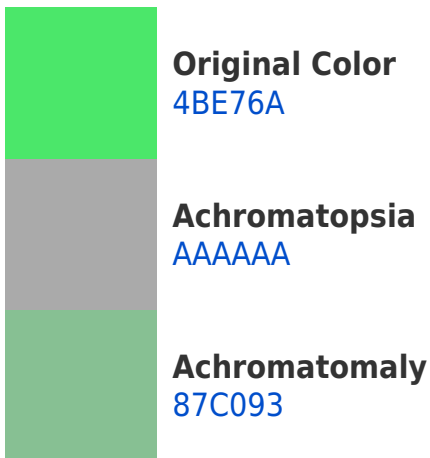


Tritanopia
72D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BE76A 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 #4BE76A looks like.

```
.text, #text, p{  
    color:#4BE76A  
}
```

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 #4BE76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BE76A
}
```

Border

The CSS property to change the border of an element to Hex 4BE76A 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
#4BE76A }
```

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

```
.border{ border-color:#4BE76A }
```

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

Here you see how a box with a 4 pixel #4BE76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BE76A; -webkit-box-shadow:4px 4px  
4px 4px #4BE76A; box-shadow:4px 4px 4px  
4px #4BE76A }
```

Background

The CSS property to change the background color of an element to Hex 4BE76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BE76A }
```

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

```
.background{ background-color:#4BE76A }
```

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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