

# Converting Colors

Hex(4EBB6B)

Have a look what the booklet for  
Hex(4EBB6B) contains.

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# Color

Hex(4EBB6B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4EBB6B
RGB	78, 187, 107
RGB Percent	31%, 73%, 42%
CMY	0.6941, 0.2667, 0.5804
CMYK	0.58, 0.00, 0.43, 0.27
HSL	136°, 44%, 52%
HSV	136°, 58%, 73%
XYZ	23.5661, 38.2219, 20.0454
YIQ	145.2890, -39.2840, -47.9880

# Conversions

## Conversions Part 2

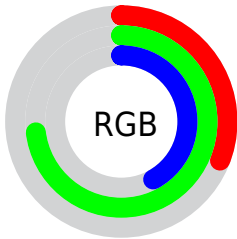
Format	Color
<a href="#">RYB</a>	<a href="#">78, 164, 187</a>
Decimal	<a href="#">5159787</a>
CIELab	<a href="#">68.18, -48.75, 31.37</a>
CIELCh	<a href="#">68, 57.969, 147.239</a>
Yxy	<a href="#">38.2219, 0.2880, 0.4671</a>
Android (android.graphics.Color)	<a href="#">4283349867 (0xFF4EBB6B)</a>
YUV	<a href="#">145.2890, -18.8765, -59.0125</a>
Hunter-Lab	<a href="#">61.8239, -40.1510, 24.0528</a>

# Details

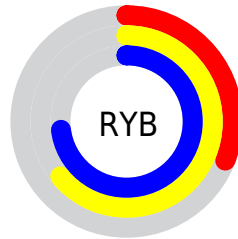
The Hex color **4EBB6B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BB4E9E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **88F49F**, and **00853A** is the 20% darker color. If you saturate the color by 10%, you get **3BBB5D**, and if you desaturate by 10%, it is **61BB79**.

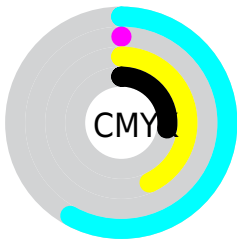
# Distribution



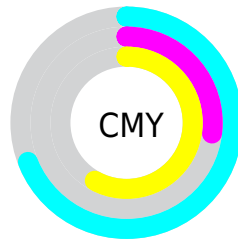
- Red (31%)
- Green (73%)
- Blue (42%)



- Red (31%)
- Yellow (64%)
- Blue (73%)



- Cyan (58%)
- Magenta (0%)
- Yellow (43%)
- Black (27%)



- Cyan (69%)
- Magenta (27%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EBB6B 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 4EBB6B by changing the saturation by 10% instead.





4EBB6B



4EBB6B

FFFFFF



2E9F52



88F49F



00853A



A5FFBB



006B22



C2FFD7



005109



DFFFF3



003900



FDFFFF



002300



000000



4EBB6B



4EBB6B



3BBB5D



61BB79

 29BB50

 73BB86

 16BB42

 86BB94

 03BB34

 99BBA2

 00BB32

 ACBBB0

 BEBBBD

 D1BBCB

 E4BBD9

 F6BBE7

# Harmonies

## Analogous

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



94B143



4EBB6B



00C09F

# Triad

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



4EBB6B



00ADFF



FF7C79

# Complementary

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



4EBB6B



BB4E9E

# 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.



FF78AD



4EBB6B



A09AFF

# Square

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



4EBB6B



00BAFD



E285E0



EF8E4E

# Rectangle

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



4EBB6B



00C0C4



E285E0



FF798A

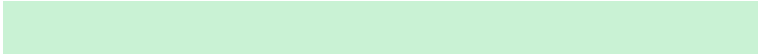


# Sweetspot

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



4EBB6B



C9F2D4



A0BB4E



627A68



FAFAFA



7A7A7A



# Same Dimension

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



4EBB6B



49F276



4EBBA0



555E57



009E2A



001F08



# Inverse Universe

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



BB4E9E



F249C5



BB4E69



5E555C



9E0074



1F0016



# Previews

## White Background



This preview shows how the Hex color 4EBB6B looks on a white background.

## Color Contrast Check

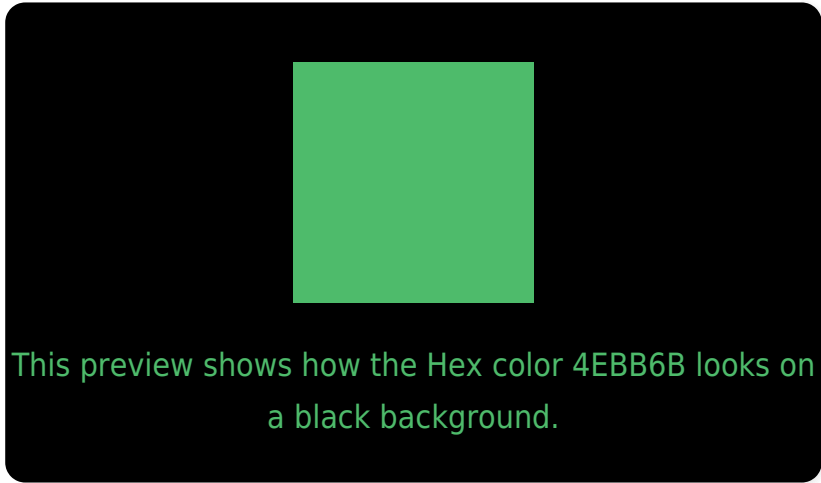
Large Text (above 18pt) WCAG AA × Fail

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

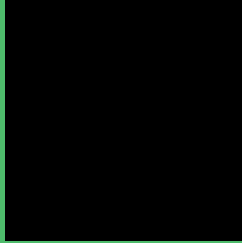
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EBB6B Background



This preview shows how black text looks on a background with the Hex color 4EBB6B.

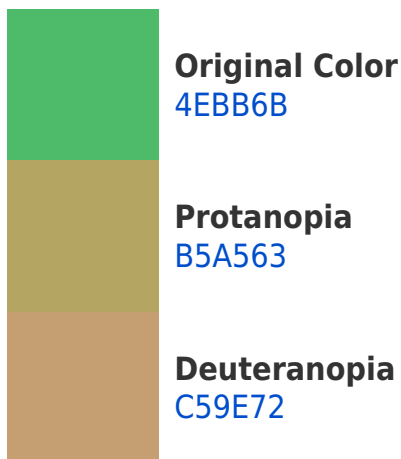


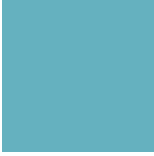
This preview shows how white text looks on a background with the Hex color 4EBB6B.

# 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](#).

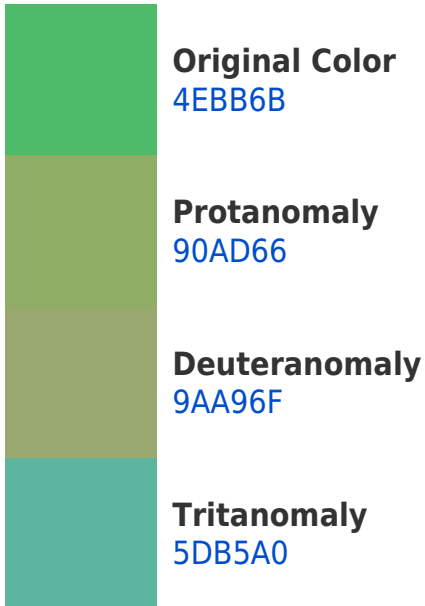
## Dichromacy





**Tritanopia**  
65B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EBB6B 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 #4EBB6B looks like.

```
.text, #text, p{  
  color:#4EBB6B  
}
```

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 #4EBB6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBB6B
}
```

## Border

The CSS property to change the border of an element to Hex 4EBB6B 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
#4EBB6B }
```

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

```
.border{ border-color:#4EBB6B }
```

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

Here you see how a box with a 4 pixel #4EBB6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBB6B; -webkit-box-shadow:4px 4px  
4px 4px #4EBB6B; box-shadow:4px 4px 4px  
4px #4EBB6B }
```

# Background

The CSS property to change the background color of an element to Hex 4EBB6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBB6B }
```

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

```
.background{ background-color:#4EBB6B }
```

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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