

Converting Colors

Hex(4EBB54)

Have a look what the booklet for
Hex(4EBB54) contains.

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Color

Hex(4EBB54)

Conversions

Conversions Part 1

Format	Color
Hex	4EBB54
RGB	78, 187, 84
RGB Percent	31%, 73%, 33%
CMY	0.6941, 0.2667, 0.6706
CMYK	0.58, 0.00, 0.55, 0.27
HSL	123°, 44%, 52%
HSV	123°, 58%, 73%
XYZ	22.5124, 37.8004, 14.4972
YIQ	142.6670, -31.9010, -55.1410

Conversions

Conversions Part 2

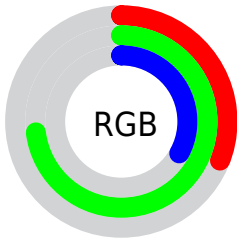
Format	Color
RYB	78, 181, 187
Decimal	5159764
CIELab	67.87, -52.16, 42.48
CIELCh	68, 67.273, 140.839
Yxy	37.8004, 0.3009, 0.5053
Android (android.graphics.Color)	4283349844 (0xFF4EBB54)
YUV	142.6670, -28.9228, -56.7130
Hunter-Lab	61.4821, -42.2336, 29.0571

Details

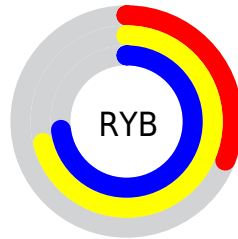
The Hex color **4EBB54** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BB4EB5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **89F488**, and **008521** is the 20% darker color. If you saturate the color by 10%, you get **3BBB42**, and if you desaturate by 10%, it is **61BB66**.

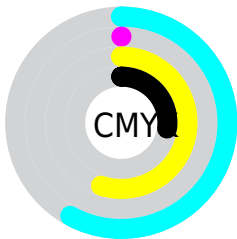
Distribution



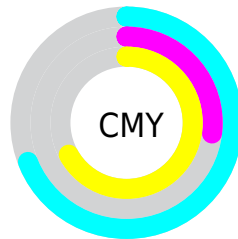
- Red (31%)
- Green (73%)
- Blue (33%)



- Red (31%)
- Yellow (71%)
- Blue (73%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (27%)



- Cyan (69%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBB54 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 4EBB54 by changing the saturation by 10% instead.



4EBB54



4EBB54

FFFFFF



2D9F3B



89F488



008521



A5FFA3



006B02



C3FFBF



005100



E0FFDB



003900



FEFFF8



002200



000000



4EBB54



4EBB54



3BBB42



61BB66

 29BB31

 73BB77

 16BB1F

 86BB89

 03BB0D

 99BB9B

 00BB0A

 ACBBAC

 BEBBBE

 D1BBD0

 E4BBE1

 F6BBF3

Harmonies

Analogous

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



9BAF24



4EBB54



00C190

Triad

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



4EBB54



00B2FF



FF6E7E

Complementary

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



4EBB54



BB4EB5

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.



FF6DBB



4EBB54



829DFF

Square

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



4EBB54



00BEFF



DC82F3



FE8348

Rectangle

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



4EBB54



00C2BA



DC82F3



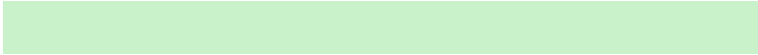
FF6B92

Sweetspot

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



4EBB54



C9F2CB



B6BB4E



627A63



FAFAFA



7A7A7A

Same Dimension

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



4EBB54



49F252



4EBB8A



555E55



009E09



001F02

Inverse Universe

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



BB4EB5



F249E9



BB4E7F



5E555E



9E0095



1F001D

Previews

White Background



This preview shows how the Hex color 4EBB54 looks on a white background.

Color Contrast Check

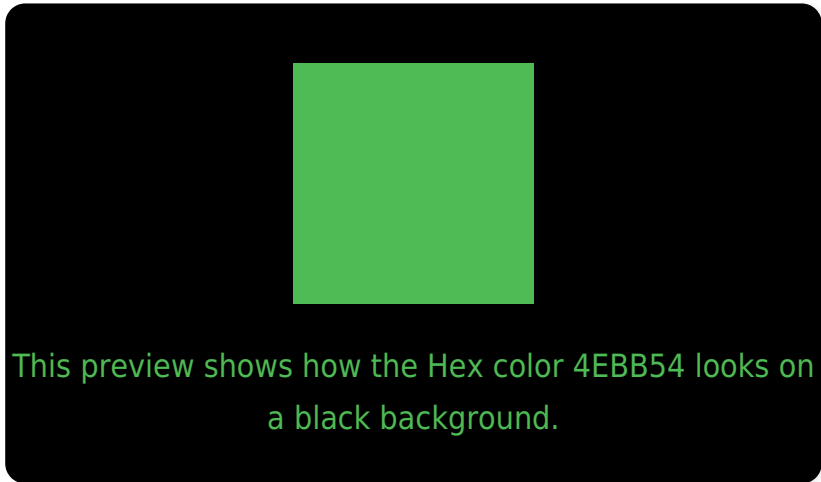
Large Text (above 18pt) WCAG AA × Fail

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 4EBB54 Background



This preview shows how black text looks on a background with the Hex color 4EBB54.

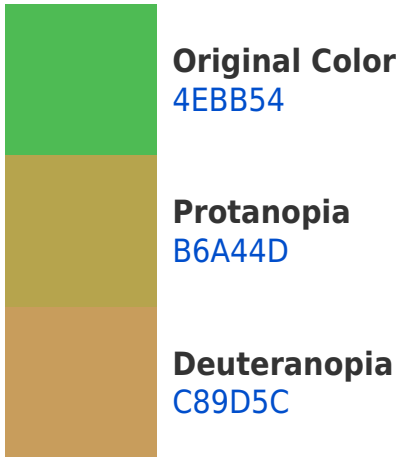


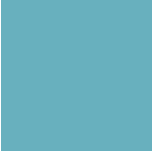
This preview shows how white text looks on a background with the Hex color 4EBB54.

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](#).

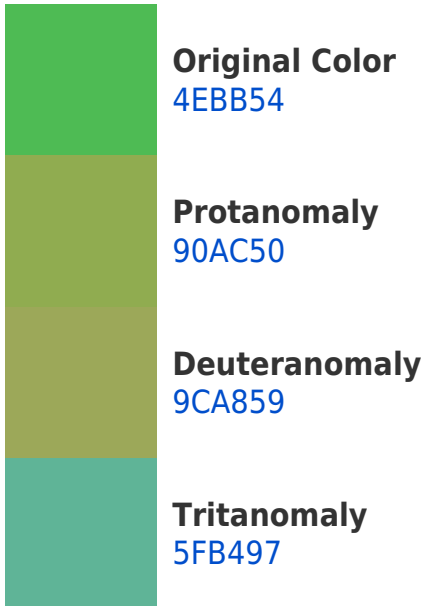
Dichromacy



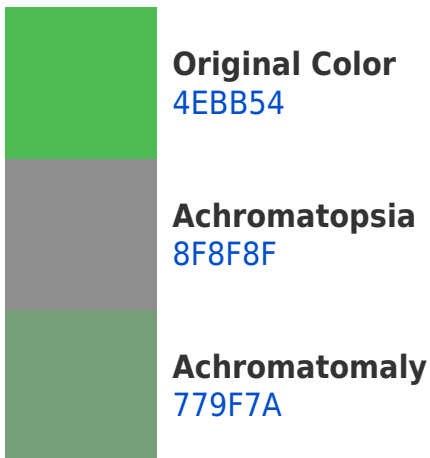


Tritanopia
68B0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBB54 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 #4EBB54 looks like.

```
.text, #text, p{  
    color:#4EBB54  
}
```

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 #4EBB54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBB54
}
```

Border

The CSS property to change the border of an element to Hex 4EBB54 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
#4EBB54 }
```

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

```
.border{ border-color:#4EBB54 }
```

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

Here you see how a box with a 4 pixel #4EBB54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBB54; -webkit-box-shadow:4px 4px  
4px 4px #4EBB54; box-shadow:4px 4px 4px  
4px #4EBB54 }
```

Background

The CSS property to change the background color of an element to Hex 4EBB54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBB54 }
```

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

```
.background{ background-color:#4EBB54 }
```

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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