

Converting Colors

Hex(4EBA44)

Have a look what the booklet for
Hex(4EBA44) contains.

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Color

Hex(4EBA44)

Conversions

Conversions Part 1

Format	Color
Hex	4EBA44
RGB	78, 186, 68
RGB Percent	31%, 73%, 27%
CMY	0.6941, 0.2706, 0.7333
CMYK	0.58, 0.00, 0.63, 0.27
HSL	115°, 46%, 50%
HSV	115°, 63%, 73%
XYZ	21.7442, 37.1549, 11.4944
YIQ	140.2560, -26.4900, -59.5940

Conversions

Conversions Part 2

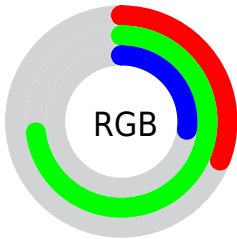
Format	Color
RYB	68, 186, 176
Decimal	5159492
CIELab	67.39, -53.65, 49.26
CIELCh	67, 72.835, 137.445
Yxy	37.1549, 0.3089, 0.5278
Android (android.graphics.Color)	4283349572 (0xFF4EBA44)
YUV	140.2560, -35.6222, -54.5985
Hunter-Lab	60.9548, -42.9952, 31.4879

Details

The Hex color **4EBA44** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B044BA**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **89F379**, and **008408** is the 20% darker color. If you saturate the color by 10%, you get **3DBA31**, and if you desaturate by 10%, it is **5FBA57**.

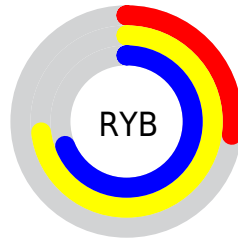
Distribution



Red (31%)

Green (73%)

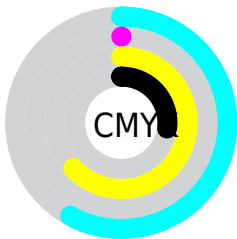
Blue (27%)



Red (27%)

Yellow (73%)

Blue (69%)

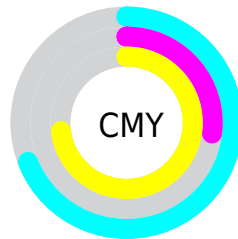


Cyan (58%)

Magenta (0%)

Yellow (63%)

Black (27%)



Cyan (69%)

Magenta (27%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBA44 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 4EBA44 by changing the saturation by 10% instead.

 4EBA44

 4EBA44

FFFFFF

 2D9E29

 89F379

 008408

 A6FF94

 006A00

 C3FFAF

 005000

 E1FFCB

 003800

 FFFFE8

 002100

 000000

 4EBA44

 4EBA44

 3DBA31

 5FBA57

 2CBA1F

 70BA69

 1BBA0C

 81BA7C

 10BA00

 92BA8E

 A3BAA1

 B4BAB4

 C5BAC6

 D6BAD9

 E7BAEB

Harmonies

Analogous

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



A0AD00



4EBA44



00C185

Triad

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



4EBA44



00B4FF



FF6381

Complementary

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



4EBA44



B044BA

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.



FF66C3



4EBA44



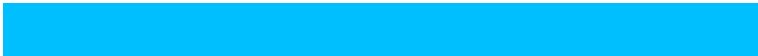
679EFF

Square

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



4EBA44



00BFFF



D781FE



FF7B44

Rectangle

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



4EBA44



00C3B3



D781FE



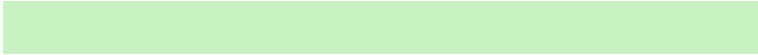
FF6096

Sweetspot

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



4EBA44



C8F2C4



BAAE44



617A5E



FAFAFA



7A7A7A

Same Dimension

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



4EBA44



4AF23A



44BA73



535C53



0D9C00



021C00

Inverse Universe

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



B044BA



E33AF2



BA448B



5B535C



8E009C



1A001C

Previews

White Background



This preview shows how the Hex color 4EBA44 looks on a white background.

Color Contrast Check

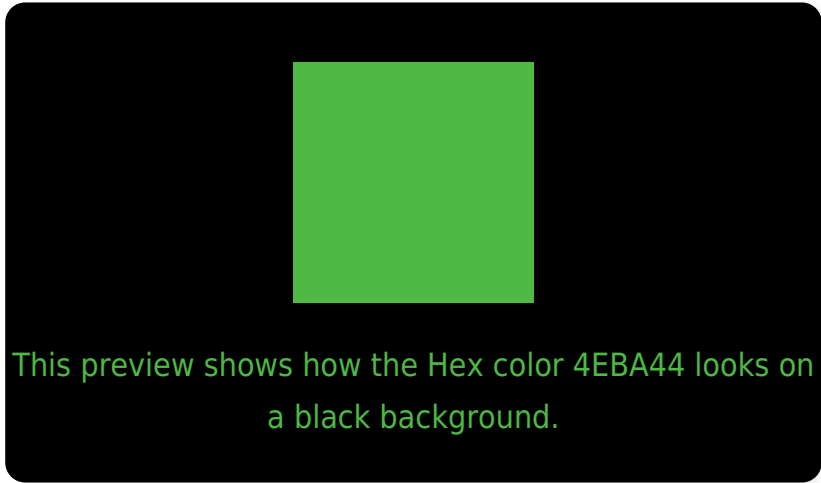
Large Text (above 18pt) WCAG AA × Fail

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 4EBA44 Background



This preview shows how black text looks on a background with the Hex color 4EBA44.

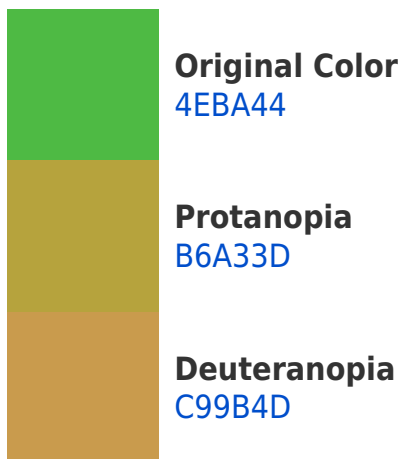


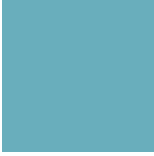
This preview shows how white text looks on a background with the Hex color 4EBA44.

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](#).

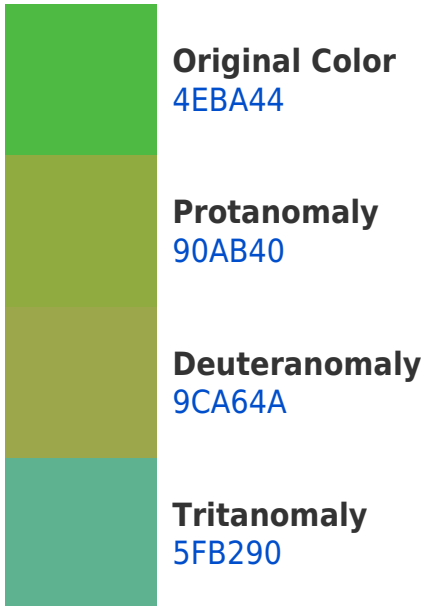
Dichromacy



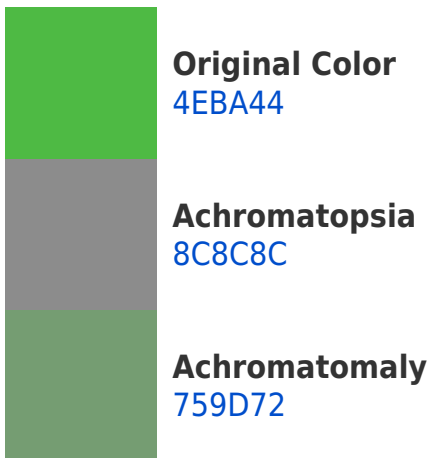


Tritanopia
69AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBA44 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 #4EBA44 looks like.

```
.text, #text, p{  
    color:#4EBA44  
}
```

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 #4EBA44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBA44
}
```

Border

The CSS property to change the border of an element to Hex 4EBA44 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
#4EBA44 }
```

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

```
.border{ border-color:#4EBA44 }
```

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

Here you see how a box with a 4 pixel #4EBA44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBA44; -webkit-box-shadow:4px 4px  
4px 4px #4EBA44; box-shadow:4px 4px 4px  
4px #4EBA44 }
```

Background

The CSS property to change the background color of an element to Hex 4EBA44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBA44 }
```

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

```
.background{ background-color:#4EBA44 }
```

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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