

Converting Colors

Hex(4EBC16)

Have a look what the booklet for
Hex(4EBC16) contains.

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Color

Hex(4EBC16)

Conversions

Conversions Part 1

Format	Color
Hex	4EBC16
RGB	78, 188, 22
RGB Percent	31%, 74%, 9%
CMY	0.6941, 0.2627, 0.9137
CMYK	0.59, 0.00, 0.88, 0.26
HSL	100°, 79%, 41%
HSV	100°, 88%, 74%
XYZ	21.2699, 37.6441, 6.9040
YIQ	136.1860, -12.2740, -74.9460

Conversions

Conversions Part 2

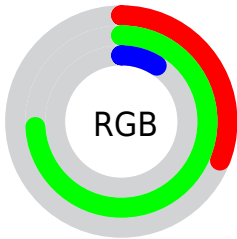
Format	Color
R _Y B	22, 188, 132
Decimal	5159958
CIE Lab	67.76, -57.46, 64.66
CIE LCh	68, 86.501, 131.629
Yxy	37.6441, 0.3232, 0.5719
Android (android.graphics.Color)	4283350038 (0xFF4EBC16)
YUV	136.1860, -56.2937, -51.0291
Hunter-Lab	61.3548, -45.4900, 36.2766

Details

The Hex color **4EBC16** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8416BC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **8BF556**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **42BC03**, and if you desaturate by 10%, it is **5ABC29**.

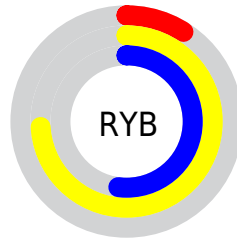
Distribution



Red (31%)

Green (74%)

Blue (9%)



Red (9%)

Yellow (74%)

Blue (52%)

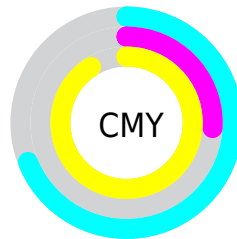


Cyan (59%)

Magenta (0%)

Yellow (88%)

Black (26%)



Cyan (69%)

Magenta (26%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EBC16 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 4EBC16 by changing the saturation by 10% instead.



4EBC16



4EBC16

FFFFFF



2AA000



8BF556



008500



A9FF72



006B00



C6FF8E



005200



E4FFAA



003A00



FFFFC7



002200



FFFFE4



000000



4EBC16



4EBC16



42BC03



5ABC29

 3FBC00

 67BC3C

 73BC4E

 80BC61

 8CBC74

 99BC87

 A5BC9A

 B2BCAC

 BEBCBF

Harmonies

Analogous

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



ABAB00



4EBC16



00C571

Triad

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



4EBC16



00BBFF



FF488A

Complementary

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



4EBC16



8416BC

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.



FF56D8



4EBC16



00A5FF

Square

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



4EBC16



00C5FF



CC81FF



FF693F

Rectangle

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



4EBC16



00C7A7



CC81FF



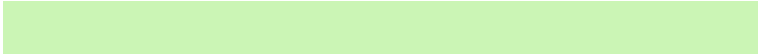
FF46A4

Sweetspot

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



4EBC16



CBF5B5



BC8216



617A54



FAFAFA



7A7A7A

Same Dimension

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



4EBC16



53F500



16BC2F



585E55



359E00



0A1F00

Inverse Universe

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



8416BC



A200F5



BC16A3



5B555E



69009E



14001F

Previews

White Background



This preview shows how the Hex color 4EBC16 looks on a white background.

Color Contrast Check

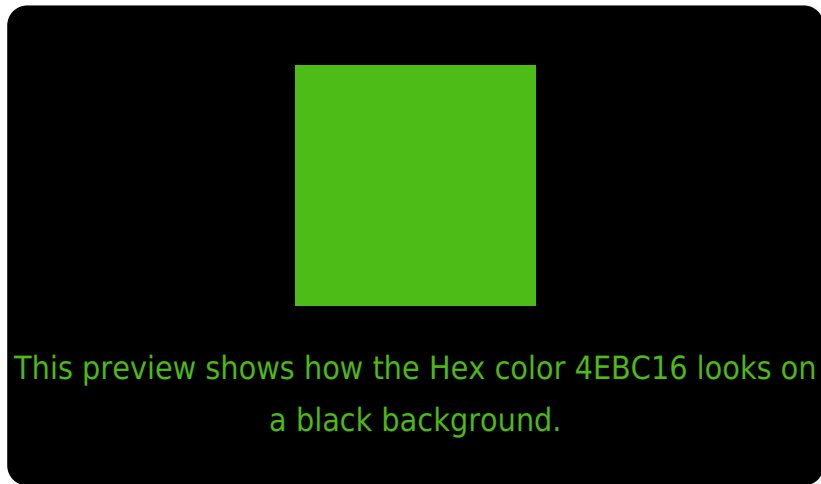
Large Text (above 18pt) WCAG AA × Fail

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 4EBC16 Background



This preview shows how black text looks on a background with the Hex color 4EBC16.

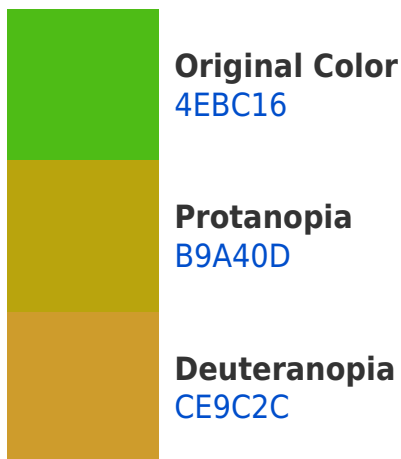


This preview shows how white text looks on a background with the Hex color 4EBC16.

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](#).

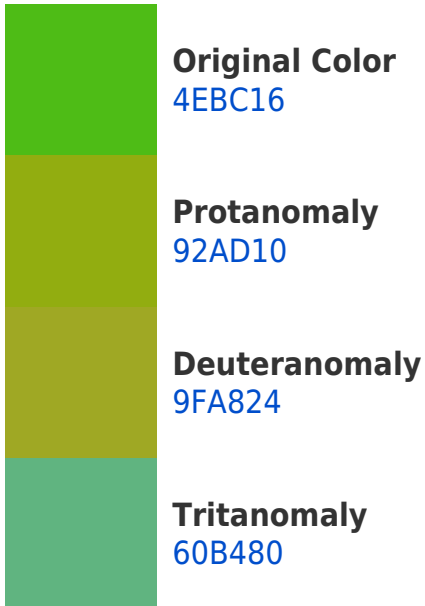
Dichromacy



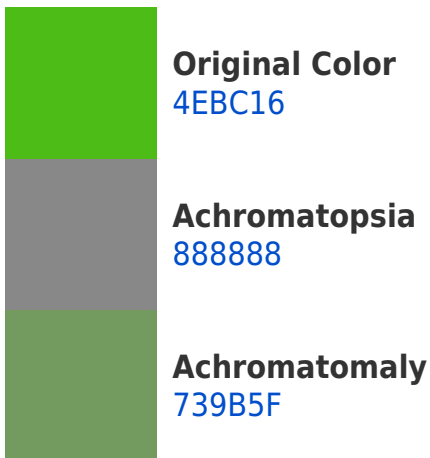


Tritanopia
6BAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EBC16 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 #4EBC16 looks like.

```
.text, #text, p{  
    color:#4EBC16  
}
```

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 #4EBC16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBC16
}
```

Border

The CSS property to change the border of an element to Hex 4EBC16 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
#4EBC16 }
```

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

```
.border{ border-color:#4EBC16 }
```

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

Here you see how a box with a 4 pixel #4EBC16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBC16; -webkit-box-shadow:4px 4px  
4px 4px #4EBC16; box-shadow:4px 4px 4px  
4px #4EBC16 }
```

Background

The CSS property to change the background color of an element to Hex 4EBC16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBC16 }
```

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

```
.background{ background-color:#4EBC16 }
```

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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