

# Converting Colors

Hex(4EBD06)

Have a look what the booklet for  
Hex(4EBD06) contains.

<b>Hex(4EBD06)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4EBD06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EBD06
RGB	78, 189, 6
RGB Percent	31%, 74%, 2%
CMY	0.6941, 0.2588, 0.9765
CMYK	0.59, 0.00, 0.97, 0.26
HSL	96°, 94%, 38%
HSV	96°, 97%, 74%
XYZ	21.3724, 38.0280, 6.3860
YIQ	134.9490, -7.4130, -80.4450

# Conversions

## Conversions Part 2

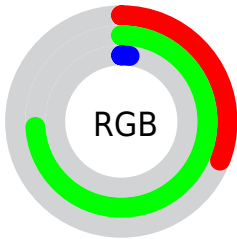
Format	Color
<a href="#">RYB</a>	<a href="#">6, 189, 117</a>
Decimal	<a href="#">5160198</a>
CIELab	<a href="#">68.04, -58.20, 67.19</a>
CIELCh	<a href="#">68, 88.894, 130.898</a>
Yxy	<a href="#">38.0280, 0.3249, 0.5781</a>
Android (android.graphics.Color)	<a href="#">4283350278 (0xFF4EBD06)</a>
YUV	<a href="#">134.9490, -63.5719, -49.9443</a>
Hunter-Lab	<a href="#">61.6669, -46.0530, 37.0270</a>

# Details

The Hex color **4EBD06** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **7506BD**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **8BF650**, and **008600** is the 20% darker color. If you saturate the color by 10%, you get **4ABD00**, and if you desaturate by 10%, it is **59BD19**.

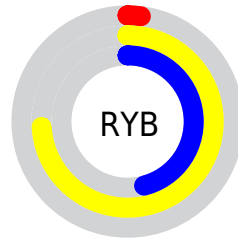
# Distribution



Red (31%)

Green (74%)

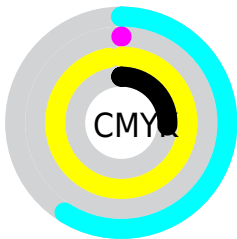
Blue (2%)



Red (2%)

Yellow (74%)

Blue (46%)

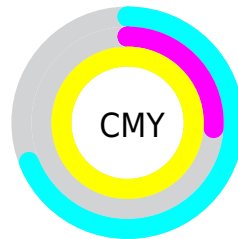


Cyan (59%)

Magenta (0%)

Yellow (97%)

Black (26%)



Cyan (69%)

Magenta (26%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EBD06 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 4EBD06 by changing the saturation by 10% instead.



 4EBD06

 4EBD06

FFFFFF

 2AA100

 8BF650

 008600

 A9FF6D

 006C00

 C7FF89

 005300

 E5FFA5

 003A00

 FFFFC2

 002300

 FFFFDF

 000000

 FFFFFD

 4EBD06

 4EBD06

■ 4ABD00

■ 59BD19

■ 65BD2C

■ 70BD3F

■ 7CBD52

■ 87BD65

■ 93BD77

■ 9EBD8A

■ AABD9D

■ B5BDB0

# Harmonies

## Analogous

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



ADAC00



4EBD06



00C66E

# Triad

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



4EBD06



00BDFE



FF438C

# Complementary

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



4EBD06



7506BD

# 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.



FF54DC



4EBD06



00A6FF

# Square

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



4EBD06



00C7FF



CB81FF



FF663F

# Rectangle

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



4EBD06



00C8A6



CB81FF



FF41A7

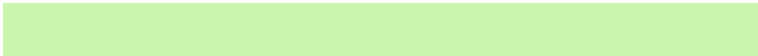


# Sweetspot

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



4EBD06



CAF5AE



BD7406



607A50



FAFAFA



7A7A7A



# Same Dimension

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



4EBD06



60F500



06BD18



595E55



3E9E00



0C1F00



# Inverse Universe

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



7506BD



9400F5



BD06AB



5B555E



60009E



13001F



# Previews

## White Background



This preview shows how the Hex color 4EBD06 looks on a white background.

## Color Contrast Check

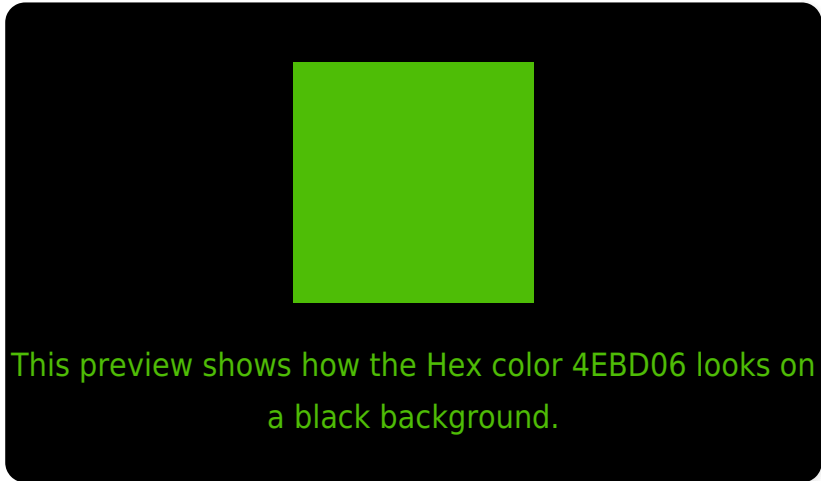
Large Text (above 18pt) WCAG AA × Fail

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 4EBD06 Background



This preview shows how black text looks on a background with the Hex color 4EBD06.

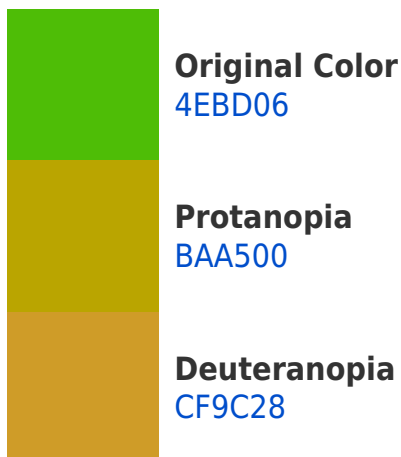


This preview shows how white text looks on a background with the Hex color 4EBD06.

# 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**  
6CB0BE

# Trichromacy



**Original Color**  
4EBD06



**Protanomaly**  
93AE02



**Deuteranomaly**  
A0A81C



**Tritanomaly**  
61B57B

# Monochromacy



**Original Color**  
4EBD06



**Achromatopsia**  
878787



**Achromatomaly**  
729B58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EBD06 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 #4EBD06 looks like.

```
.text, #text, p{  
    color:#4EBD06  
}
```

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 #4EBD06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EBD06
}
```

## Border

The CSS property to change the border of an element to Hex 4EBD06 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
#4EBD06 }
```

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

```
.border{ border-color:#4EBD06 }
```

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

Here you see how a box with a 4 pixel #4EBD06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EBD06; -webkit-box-shadow:4px 4px  
4px 4px #4EBD06; box-shadow:4px 4px 4px  
4px #4EBD06 }
```

# Background

The CSS property to change the background color of an element to Hex 4EBD06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EBD06 }
```

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

```
.background{ background-color:#4EBD06 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor