

Converting Colors

Hex(4EEA00)

Have a look what the booklet for
Hex(4EEA00) contains.

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Color

Hex(4EEA00)

Conversions

Conversions Part 1

Format	Color
Hex	4EEA00
RGB	78, 234, 0
RGB Percent	31%, 92%, 0%
CMY	0.6941, 0.0824, 1.0000
CMYK	0.67, 0.00, 1.00, 0.08
HSL	100°, 100%, 46%
HSV	100°, 100%, 92%
XYZ	32.5647, 60.4653, 9.9546
YIQ	160.6800, -17.8620, -105.8460

Conversions

Conversions Part 2

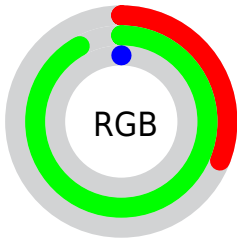
Format	Color
RYB	0, 234, 156
Decimal	5171712
CIELab	82.09, -72.93, 79.02
CIELCh	82, 107.536, 132.705
Yxy	60.4653, 0.3162, 0.5871
Android (android.graphics.Color)	4283361792 (0xFF4EEA00)
YUV	160.6800, -79.2152, -72.5104
Hunter-Lab	77.7595, -61.3255, 46.8414

Details

The Hex color **4EEA00** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **9C00EA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **93FF58**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **4EEA00**, and if you desaturate by 10%, it is **5EEA17**.

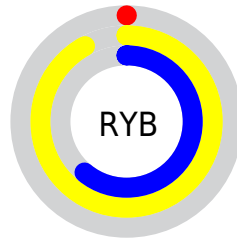
Distribution



Red (31%)

Green (92%)

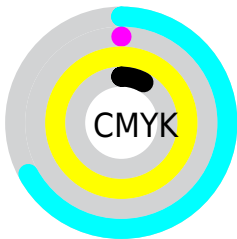
Blue (0%)



Red (0%)

Yellow (92%)

Blue (61%)

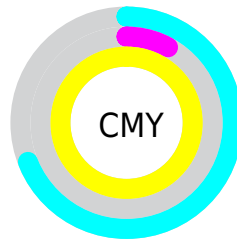


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (69%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EEA00 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 4EEA00 by changing the saturation by 10% instead.

 4EEA00

 4EEA00


FFFFFF

 1CCD00

 93FF58

 00B100

 B2FF76

 009500

 D2FF94

 007A00

 F1FFB1

 006000

 FFFFCF

 004600

 FFFFED

 002D00

 000E00

 000000

 4EEA00

 5EEA17

 6DEA2F

 7DEA46

 8CEA5E

 9CEA75

 ACEA8C

 BBAA4

 CBEABB

 DAEAD3

Harmonies

Analogous

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



CED500



4EEA00



00F48C

Triad

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



4EEA00



00E8FF



FF4AA6

Complementary

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



4EEA00



9C00EA

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.



FF5EFF



4EEA00



00CBFF

Square

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



4EEA00



00F5FF



FF9AFF



FF7E44

Rectangle

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



4EEA00



00F7D3



FF9AFF



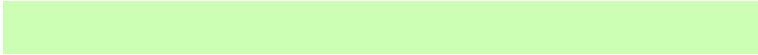
FF46C8

Sweetspot

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



4EEA00



CCFFB3



EA9C00



618052



000000



808080

Same Dimension

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



4EEA00



55FF00



00EA27



6D756A



3CB500



123600

Inverse Universe

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



9C00EA



AA00FF



EA00C3



716A75



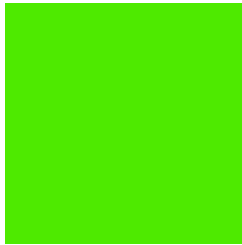
7900B5



240036

Previews

White Background



This preview shows how the Hex color 4EEA00 looks on a white background.

Color Contrast Check

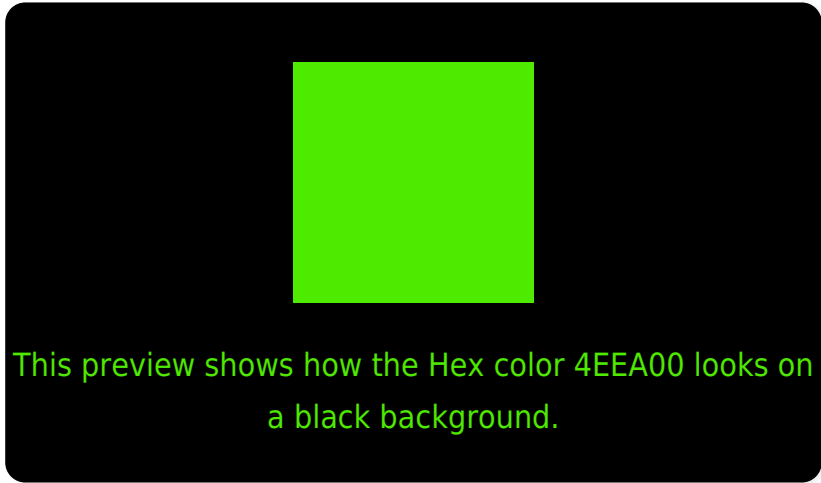
Large Text (above 18pt) WCAG AA × Fail

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

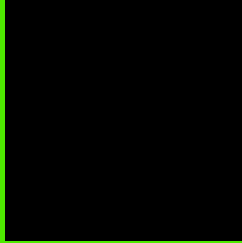
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

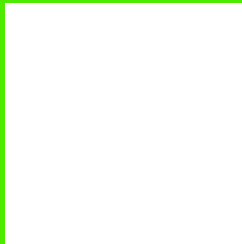
Any Text WCAG AAA ✓ Pass

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

Hex 4EEA00 Background



This preview shows how black text looks on a background with the Hex color 4EEA00.

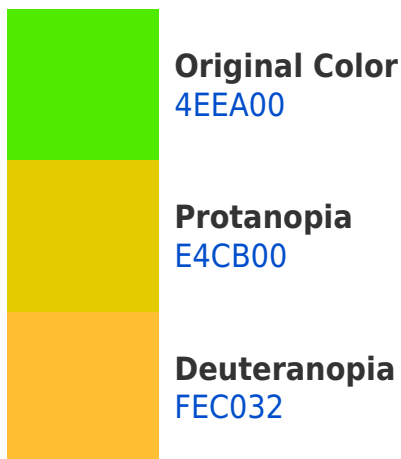


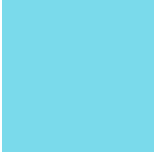
This preview shows how white text looks on a background with the Hex color 4EEA00.

Color Blindness Simulation

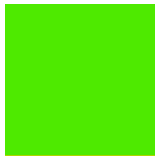
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



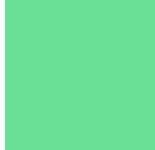
Original Color
4EEA00



Protanomaly
ADD600



Deuteranomaly
BECF20



Tritanomaly
6AE096

Monochromacy



Original Color
4EEA00



Achromatopsia
A1A1A1



Achromatomaly
83BC66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EEA00 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 #4EEA00 looks like.

```
.text, #text, p{  
    color:#4EEA00  
}
```

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 #4EEA00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EEA00
}
```

Border

The CSS property to change the border of an element to Hex 4EEA00 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
#4EEA00 }
```

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

```
.border{ border-color:#4EEA00 }
```

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

Here you see how a box with a 4 pixel #4EEA00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EEA00; -webkit-box-shadow:4px 4px  
4px 4px #4EEA00; box-shadow:4px 4px 4px  
4px #4EEA00 }
```

Background

The CSS property to change the background color of an element to Hex 4EEA00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EEA00 }
```

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

```
.background{ background-color:#4EEA00 }
```

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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