

Converting Colors

Hex(4EE44B)

Have a look what the booklet for
Hex(4EE44B) contains.

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Color

Hex(4EE44B)

Conversions

Conversions Part 1

Format	Color
Hex	4EE44B
RGB	78, 228, 75
RGB Percent	31%, 89%, 29%
CMY	0.6941, 0.1059, 0.7059
CMYK	0.66, 0.00, 0.67, 0.11
HSL	119°, 74%, 59%
HSV	119°, 67%, 89%
XYZ	32.1553, 57.6145, 16.0826
YIQ	165.7080, -40.2870, -79.3830

Conversions

Conversions Part 2

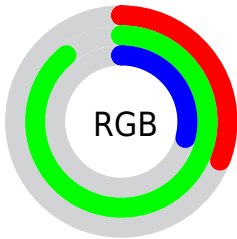
Format	Color
RYB	75, 228, 225
Decimal	5170251
CIELab	80.52, -67.65, 60.70
CIELCh	81, 90.893, 138.102
Yxy	57.6145, 0.3038, 0.5443
Android (android.graphics.Color)	4283360331 (0xFF4EE44B)
YUV	165.7080, -44.7190, -76.9199
Hunter-Lab	75.9042, -57.2145, 40.5706

Details

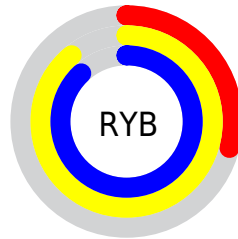
The Hex color **4EE44B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **E14BE4**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **90FF82**, and **00AB04** is the 20% darker color. If you saturate the color by 10%, you get **38E434**, and if you desaturate by 10%, it is **64E462**.

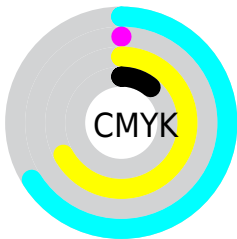
Distribution



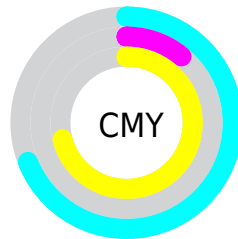
- Red (31%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (88%)



- Cyan (66%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EE44B 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 4EE44B by changing the saturation by 10% instead.

 4EE44B

 4EE44B

FFFFFF

 22C72E

 90FF82

 00AB04

 AFFF9E

 009000

 CDFFBB

 007500

 ECFFD7

 005B00

 FFFFF5

 004100

 002900

 000400

 000000

 4EE44B

 4EE44B

 38E434

 64E462

 21E41D

 7BE479

 0BE407

 91E48F

 04E400

 A7E4A6

 BEE4BD

 D4E4D4

 EAE4EB

 FFE4FF

Harmonies

Analogous

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



BED300



4EE44B



00ECA2

Triad

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



4EE44B



00DCFF



FF7098

Complementary

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



4EE44B



E14BE4

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.



FF72ED



4EE44B



75C0FF

Square

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



4EE44B



00EAFF



FF98FF



FF9249

Rectangle

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



4EE44B



00EEDD



FF98FF



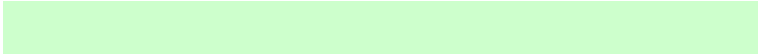
FF6BB4

Sweetspot

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



4EE44B



CDFECC



E4DF4B



628061



000000



808080

Same Dimension

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



4EE44B



34FF30



4BE492



687367



03B300



013300

Inverse Universe

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



E14BE4



FB30FF



E44B9D



736773



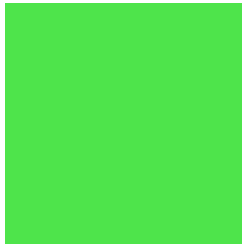
AF00B3



320033

Previews

White Background



This preview shows how the Hex color 4EE44B 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



This preview shows how the Hex color 4EE44B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

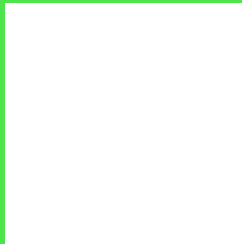
Any Text WCAG AAA ✓ Pass

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

Hex 4EE44B Background



This preview shows how black text looks on a background with the Hex color 4EE44B.

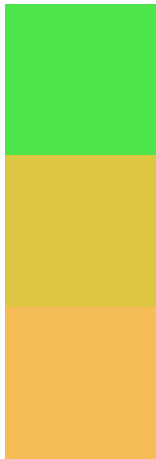


This preview shows how white text looks on a background with the Hex color 4EE44B.

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](#).

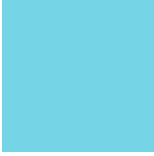
Dichromacy



Original Color
4EE44B

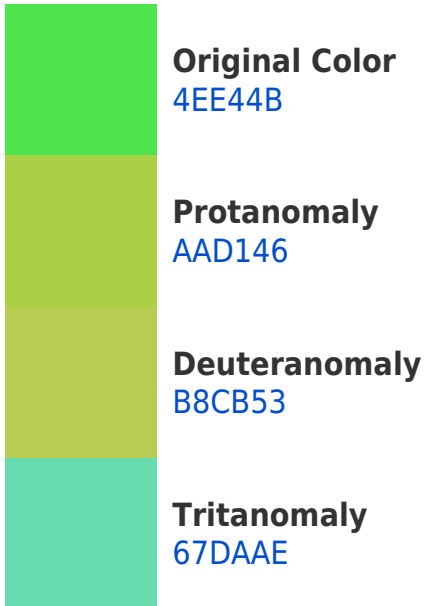
Protanopia
DEC643

Deuteranopia
F5BC58

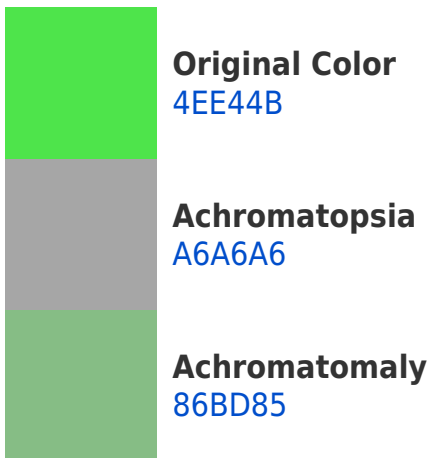


Tritanopia
75D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EE44B 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 #4EE44B looks like.

```
.text, #text, p{  
    color:#4EE44B  
}
```

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 #4EE44B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EE44B
}
```

Border

The CSS property to change the border of an element to Hex 4EE44B 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
#4EE44B }
```

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

```
.border{ border-color:#4EE44B }
```

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

Here you see how a box with a 4 pixel #4EE44B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EE44B; -webkit-box-shadow:4px 4px  
4px 4px #4EE44B; box-shadow:4px 4px 4px  
4px #4EE44B }
```

Background

The CSS property to change the background color of an element to Hex 4EE44B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EE44B }
```

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

```
.background{ background-color:#4EE44B }
```

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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