

Converting Colors

Hex(4EC745)

Have a look what the booklet for
Hex(4EC745) contains.

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Color

Hex(4EC745)

Conversions

Conversions Part 1

Format	Color
Hex	4EC745
RGB	78, 199, 69
RGB Percent	31%, 78%, 27%
CMY	0.6941, 0.2196, 0.7294
CMYK	0.61, 0.00, 0.65, 0.22
HSL	116°, 54%, 53%
HSV	116°, 65%, 78%
XYZ	24.6395, 42.8962, 12.6114
YIQ	148.0010, -30.3860, -66.0820

Conversions

Conversions Part 2

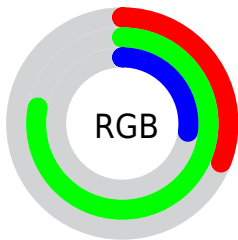
Format	Color
RYB	69, 199, 190
Decimal	5162821
CIELab	71.48, -58.28, 53.34
CIELCh	71, 79.005, 137.530
Yxy	42.8962, 0.3074, 0.5352
Android (android.graphics.Color)	4283352901 (0xFF4EC745)
YUV	148.0010, -38.9475, -61.3909
Hunter-Lab	65.4952, -47.4644, 34.4301

Details

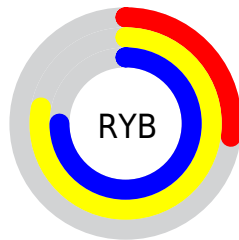
The Hex color **4EC745** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **BE45C7**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8BFF7B**, and **009004** is the 20% darker color. If you saturate the color by 10%, you get **3BC731**, and if you desaturate by 10%, it is **61C759**.

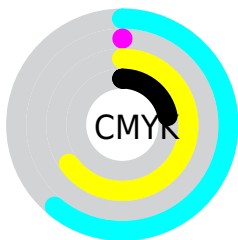
Distribution



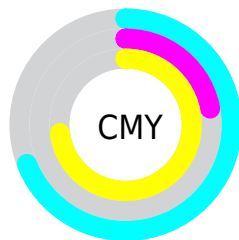
- Red (31%)
- Green (78%)
- Blue (27%)



- Red (27%)
- Yellow (78%)
- Blue (75%)



- Cyan (61%)
- Magenta (0%)
- Yellow (65%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EC745 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 4EC745 by changing the saturation by 10% instead.

 4EC745

 4EC745

FFFFFF

 2AAB29

 8BFF7B

 009004

 A9FF96

 007500

 C6FFB2

 005B00

 E4FFCE

 004200

 FFFFEB

 002C00

 000A00

 000000

 4EC745

 4EC745

 3BC731

 61C759

 29C71D

 73C76D

 16C709

 86C781

 0EC700

 98C795

 ABC7A9

 BDC7BC

 D0C7D0

 E2C7E4

 F5C7F8

Harmonies

Analogous

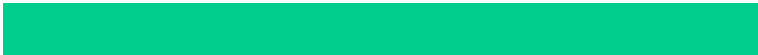
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A9B800



4EC745



00CE8D

Triad

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



4EC745



00C0FF



FF6688

Complementary

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



4EC745



BE45C7

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.



FF69D0



4EC745



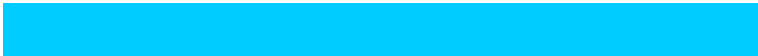
6AA9FF

Square

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



4EC745



00CCFF



E788FF



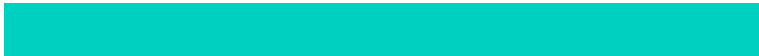
FF8245

Rectangle

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



4EC745



00D0C0



E788FF



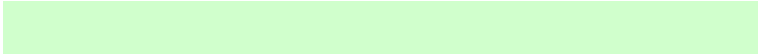
FF63A0

Sweetspot

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



4EC745



D0FFCC



C7BC45



638061



000000



808080

Same Dimension

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



4EC745



46FF38



45C77B



5A635A



0BA300



022400

Inverse Universe

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



BE45C7



F138FF



C74591



635A63



9800A3



210024

Previews

White Background



This preview shows how the Hex color 4EC745 looks on a white background.

Color Contrast Check

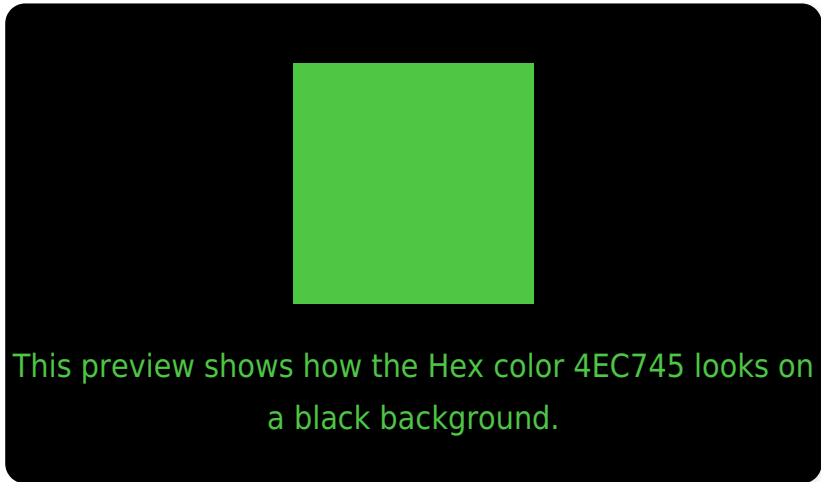
Large Text (above 18pt) WCAG AA × Fail

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

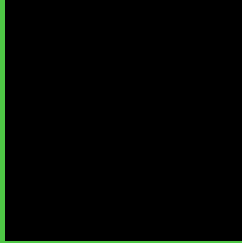
Any Text WCAG AA ✓ Pass

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 4EC745 Background



This preview shows how black text looks on a background with the Hex color 4EC745.

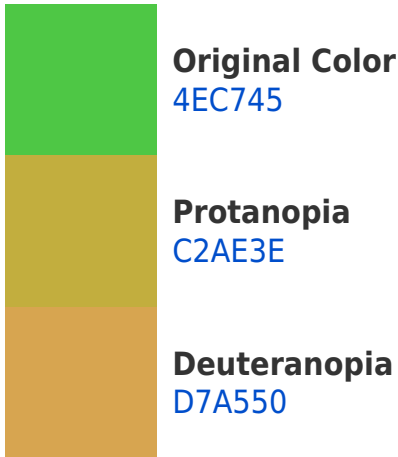


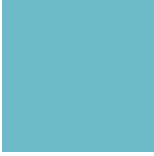
This preview shows how white text looks on a background with the Hex color 4EC745.

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
6DBAC9

Trichromacy



Original Color
4EC745



Protanomaly
98B741



Deuteranomaly
A5B14C



Tritanomaly
62BF99

Monochromacy



Original Color
4EC745



Achromatopsia
949494



Achromatomaly
7BA777

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EC745 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 #4EC745 looks like.

```
.text, #text, p{  
    color:#4EC745  
}
```

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 #4EC745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC745
}
```

Border

The CSS property to change the border of an element to Hex 4EC745 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
#4EC745 }
```

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

```
.border{ border-color:#4EC745 }
```

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

Here you see how a box with a 4 pixel #4EC745 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC745; -webkit-box-shadow:4px 4px  
4px 4px #4EC745; box-shadow:4px 4px 4px  
4px #4EC745 }
```

Background

The CSS property to change the background color of an element to Hex 4EC745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC745 }
```

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

```
.background{ background-color:#4EC745 }
```

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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