

Converting Colors

Hex(4EED73)

Have a look what the booklet for
Hex(4EED73) contains.

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Color

Hex(4EED73)

Conversions

Conversions Part 1

Format	Color
Hex	4EED73
RGB	78, 237, 115
RGB Percent	31%, 93%, 45%
CMY	0.6941, 0.0706, 0.5490
CMYK	0.67, 0.00, 0.51, 0.07
HSL	134°, 82%, 62%
HSV	134°, 67%, 93%
XYZ	36.5206, 63.4259, 26.5372
YIQ	175.5510, -55.6020, -71.6500

Conversions

Conversions Part 2

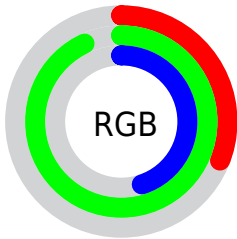
Format	Color
RYB	78, 207, 237
Decimal	5172595
CIELab	83.67, -66.10, 46.91
CIELCh	84, 81.050, 144.636
Yxy	63.4259, 0.2887, 0.5015
Android (android.graphics.Color)	4283362675 (0xFF4EED73)
YUV	175.5510, -29.8516, -85.5522
Hunter-Lab	79.6404, -57.5161, 35.9920

Details

The Hex color **4EED73** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **ED4EC8**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **90FFA9**, and **00B43F** is the 20% darker color. If you saturate the color by 10%, you get **36ED61**, and if you desaturate by 10%, it is **66ED85**.

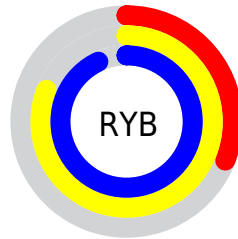
Distribution



Red (31%)

Green (93%)

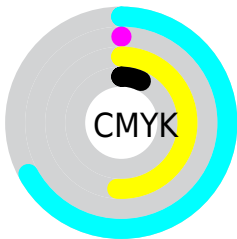
Blue (45%)



Red (31%)

Yellow (81%)

Blue (93%)

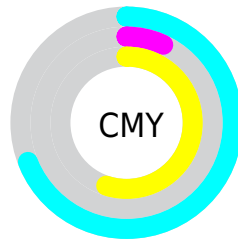


Cyan (67%)

Magenta (0%)

Yellow (51%)

Black (7%)



Cyan (69%)

Magenta (7%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EED73 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 4EED73 by changing the saturation by 10% instead.

 4EED73

FFFFFF

 90FFA9

 AFFFC5

 CEFFE2

 EDFFFF

 4EED73

 22D059

 00B43F

 009824

 007D01

 006300

 004900

 003200

 001500

 000000

 4EED73

 4EED73

 36ED61

 66ED85

 1FED4F

 7DED97

 07ED3C

 95EDAA

 00ED37

 ADEDBC

 C4EDCE

 DCEDE0

 F4EDF2

 FFEDFF

Harmonies

Analogous

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



BADF33



4EED73



00F4C0

Triad

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



4EED73



00DEFF



FF8D96

Complementary

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



4EED73



ED4EC8

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.



FF87E2



4EED73



B7C2FF

Square

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



4EED73



00EEFF



FFA0FF



FFA953

Rectangle

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



4EED73



00F5F5



FFA0FF



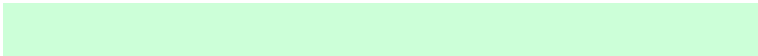
FF87AE

Sweetspot

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



4EED73



CCFFD8



CBED4E



618068



000000



808080

Same Dimension

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



4EED73



30FF61



4EEDC0



6A756C



00B52A



00360C

Inverse Universe

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



ED4EC8



FF30CF



ED4E7B



756A73



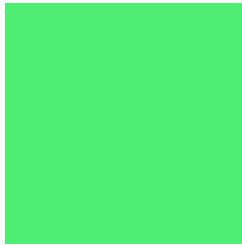
B5008B



360029

Previews

White Background



This preview shows how the Hex color 4EED73 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 4EED73 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

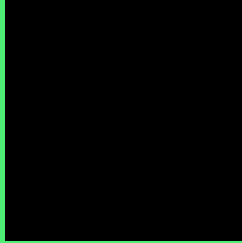
Any Text WCAG AA ✓ Pass

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 4EED73 Background



This preview shows how black text looks on a background with the Hex color 4EED73.

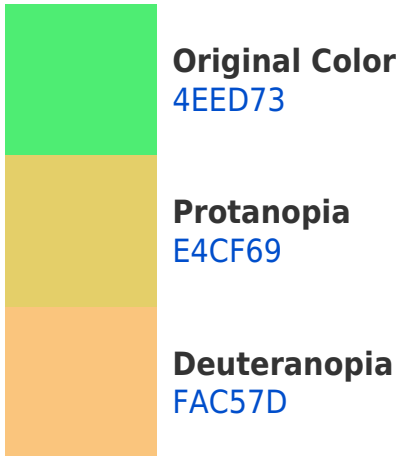


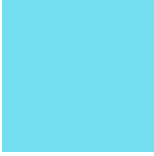
This preview shows how white text looks on a background with the Hex color 4EED73.

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
74DFF1

Trichromacy



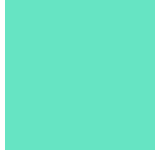
Original Color
4EED73



Protanomaly
ADDA6D



Deuteranomaly
BBD479

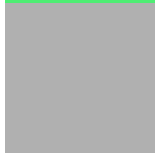


Tritanomaly
66E4C3

Monochromacy



Original Color
4EED73



Achromatopsia
B0B0B0



Achromatomaly
8CC69A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4EED73 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 #4EED73 looks like.

```
.text, #text, p{  
    color:#4EED73  
}
```

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 #4EED73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EED73
}
```

Border

The CSS property to change the border of an element to Hex 4EED73 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
#4EED73 }
```

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

```
.border{ border-color:#4EED73 }
```

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

Here you see how a box with a 4 pixel #4EED73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EED73; -webkit-box-shadow:4px 4px  
4px 4px #4EED73; box-shadow:4px 4px 4px  
4px #4EED73 }
```

Background

The CSS property to change the background color of an element to Hex 4EED73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EED73 }
```

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

```
.background{ background-color:#4EED73 }
```

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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