

Converting Colors

Hex(4CED67)

Have a look what the booklet for
Hex(4CED67) contains.

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Color

Hex(4CED67)

Conversions

Conversions Part 1

Format	Color
Hex	4CED67
RGB	76, 237, 103
RGB Percent	30%, 93%, 40%
CMY	0.7020, 0.0706, 0.5961
CMYK	0.68, 0.00, 0.57, 0.07
HSL	130°, 82%, 61%
HSV	130°, 68%, 93%
XYZ	35.7129, 63.0841, 23.1262
YIQ	173.5850, -52.9420, -75.8060

Conversions

Conversions Part 2

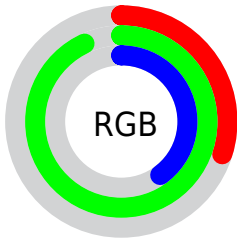
Format	Color
RYB	76, 214, 237
Decimal	5041511
CIELab	83.49, -68.02, 52.20
CIELCh	83, 85.743, 142.498
Yxy	63.0841, 0.2929, 0.5174
Android (android.graphics.Color)	4283231591 (0xFF4CED67)
YUV	173.5850, -34.7984, -85.5820
Hunter-Lab	79.4255, -58.7340, 38.3345

Details

The Hex color **4CED67** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **ED4CD2**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8FFF9D**, and **00B431** is the 20% darker color. If you saturate the color by 10%, you get **34ED53**, and if you desaturate by 10%, it is **64ED7B**.

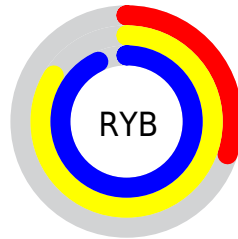
Distribution



Red (30%)

Green (93%)

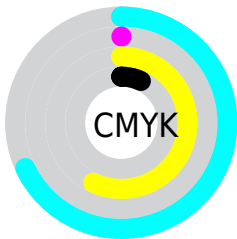
Blue (40%)



Red (30%)

Yellow (84%)

Blue (93%)

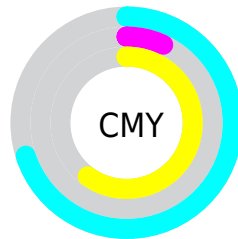


Cyan (68%)

Magenta (0%)

Yellow (57%)

Black (7%)



Cyan (70%)

Magenta (7%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CED67 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 4CED67 by changing the saturation by 10% instead.

 4CED67

 4CED67

FFFFFF

 1DD04C

 8FFF9D

 00B431

 AEFFB9

 009812

 CDFFD6

 007D00

 ECFFF3

 006200

 004900

 003100

 001400

 000000

 4CED67

 4CED67

 34ED53

 64ED7B

 1DED40

 7BED8E

 05ED2C

 93EDA2

 00ED28

 ABEDB6

 C3EDCA

 DAEDDD

 F2EDF1

 FFEDFF

Harmonies

Analogous

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



BDDE1B



4CED67



00F4B8

Triad

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



4CED67



00E0FF



FF8497

Complementary

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



4CED67



ED4CD2

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.



FF81E8



4CED67



A7C3FF

Square

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



4CED67



00F0FF



FF9EFF



FFA44F

Rectangle

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



4CED67



00F6F1



FF9EFF



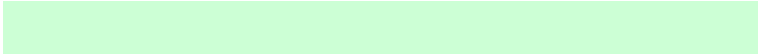
FF7FB2

Sweetspot

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



4CED67



CCFFD5



D2ED4C



618066



000000



808080

Same Dimension

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



4CED67



2EFF51



4CEDB7



6A756C



00B51E



003609

Inverse Universe

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



ED4CD2



FF2EDC



ED4C82



756A73



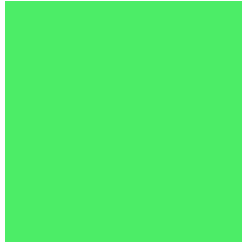
B50097



36002D

Previews

White Background



This preview shows how the Hex color 4CED67 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 4CED67 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

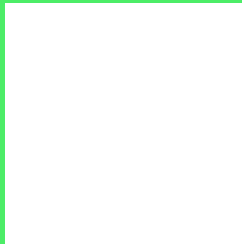
Any Text WCAG AAA ✓ Pass

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

Hex 4CED67 Background



This preview shows how black text looks on a background with the Hex color 4CED67.

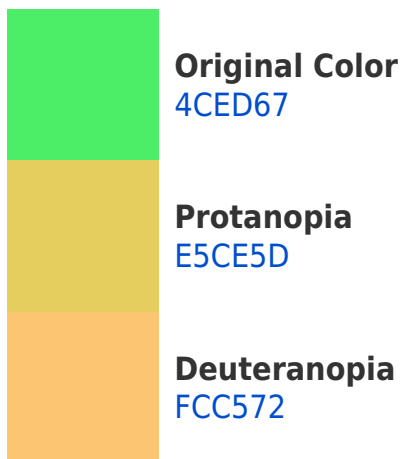


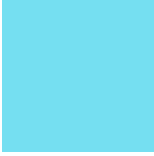
This preview shows how white text looks on a background with the Hex color 4CED67.

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
75DFF1

Trichromacy



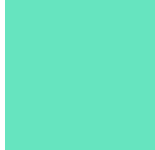
Original Color
4CED67



Protanomaly
ADD961



Deuteranomaly
BCD46E



Tritanomaly
66E4BF

Monochromacy



Original Color
4CED67



Achromatopsia
AEAEAE



Achromatomaly
8AC594

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CED67 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 #4CED67 looks like.

```
.text, #text, p{  
    color:#4CED67  
}
```

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 #4CED67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CED67
}
```

Border

The CSS property to change the border of an element to Hex 4CED67 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
#4CED67 }
```

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

```
.border{ border-color:#4CED67 }
```

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

Here you see how a box with a 4 pixel #4CED67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CED67; -webkit-box-shadow:4px 4px  
4px 4px #4CED67; box-shadow:4px 4px 4px  
4px #4CED67 }
```

Background

The CSS property to change the background color of an element to Hex 4CED67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CED67 }
```

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

```
.background{ background-color:#4CED67 }
```

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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