

Converting Colors

Hex(4ED229)

Have a look what the booklet for
Hex(4ED229) contains.

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Color

Hex(4ED229)

Conversions

Conversions Part 1

Format	Color
Hex	4ED229
RGB	78, 210, 41
RGB Percent	31%, 82%, 16%
CMY	0.6941, 0.1765, 0.8392
CMYK	0.63, 0.00, 0.80, 0.18
HSL	107°, 67%, 49%
HSV	107°, 80%, 82%
XYZ	26.5887, 47.8730, 9.9369
YIQ	151.2660, -24.4230, -80.5430

Conversions

Conversions Part 2

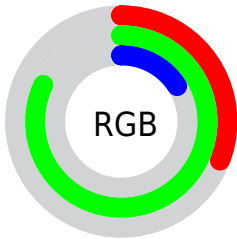
Format	Color
RYB	41, 210, 173
Decimal	5165609
CIELab	74.74, -64.13, 66.41
CIELCh	75, 92.324, 134.001
Yxy	47.8730, 0.3150, 0.5672
Android (android.graphics.Color)	4283355689 (0xFF4ED229)
YUV	151.2660, -54.3611, -64.2543
Hunter-Lab	69.1903, -52.4884, 39.9182

Details

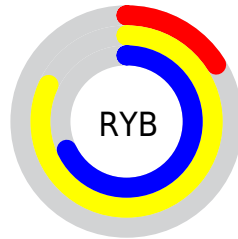
The Hex color **4ED229** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **AD29D2**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8EFF65**, and **009A00** is the 20% darker color. If you saturate the color by 10%, you get **3ED214**, and if you desaturate by 10%, it is **5ED23E**.

Distribution



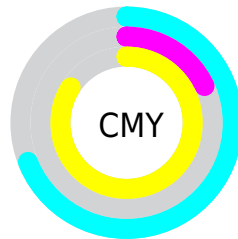
- Red (31%)
- Green (82%)
- Blue (16%)



- Red (16%)
- Yellow (82%)
- Blue (68%)



- Cyan (63%)
- Magenta (0%)
- Yellow (80%)
- Black (18%)



- Cyan (69%)
- Magenta (18%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED229 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 4ED229 by changing the saturation by 10% instead.

 4ED229

 4ED229

FFFFFF

 26B600

 8EFF65

 009A00

 ACFF81

 007F00

 CBFF9D

 006500

 E9FFBA

 004B00

 FFFFD7

 003400

 FFFFF4

 001900

 000000

 4ED229

 4ED229

 3ED214

 5ED23E

 2ED200

 6FD253

 7FD268

 90D27D

 A0D292

 B0D2A7

 C1D2BC

 D1D2D1

 E2D2E6

Harmonies

Analogous

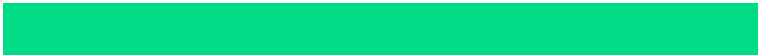
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B8C000



4ED229



00DB86

Triad

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



4ED229



00CFFF



FF5694

Complementary

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



4ED229



AD29D2

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.



FF60E9



4ED229



00B5FF

Square

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



4ED229



00DBFF



EC8DFE



FF7B43

Rectangle

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



4ED229



00DDC1



EC8DFF



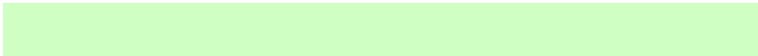
FF53B0

Sweetspot

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



4ED229



CFFFC2



D2AB29



63805B



000000



808080

Same Dimension

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



4ED229



3EFF08



29D256



60695E



25A800



092900

Inverse Universe

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



AD29D2



C908FF



D229A5



665E69



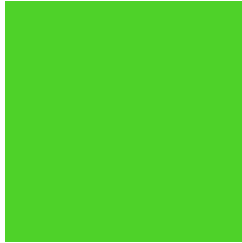
8300A8



200029

Previews

White Background



This preview shows how the Hex color 4ED229 looks on a white background.

Color Contrast Check

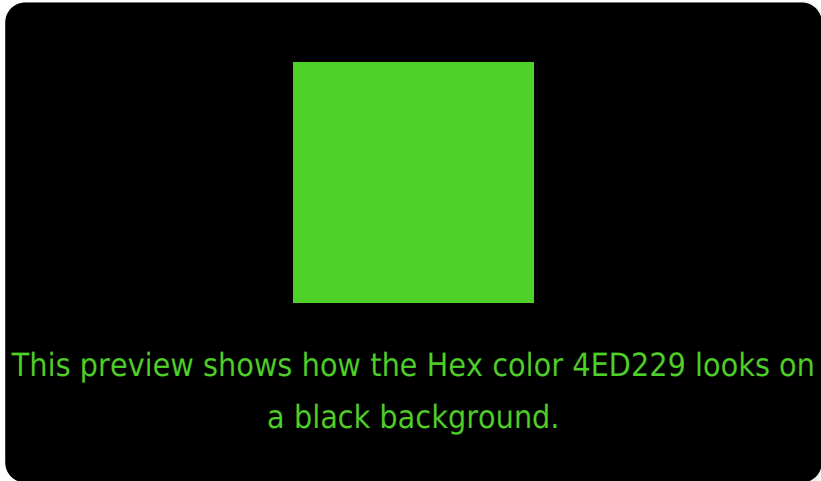
Large Text (above 18pt) WCAG AA × Fail

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

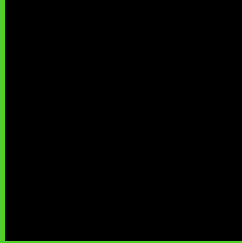
Any Text WCAG AA ✓ Pass

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 4ED229 Background



This preview shows how black text looks on a background with the Hex color 4ED229.

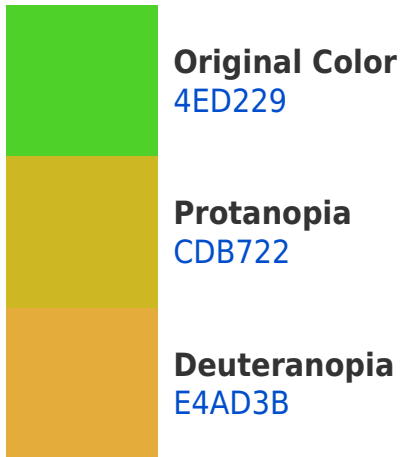


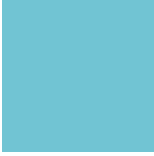
This preview shows how white text looks on a background with the Hex color 4ED229.

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
71C4D3

Trichromacy



Original Color
4ED229



Protanomaly
9FC125



Deuteranomaly
ADBA34



Tritanomaly
64C995

Monochromacy



Original Color
4ED229



Achromatopsia
979797



Achromatomaly
7CAC6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED229 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 #4ED229 looks like.

```
.text, #text, p{  
    color:#4ED229  
}
```

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 #4ED229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED229
}
```

Border

The CSS property to change the border of an element to Hex 4ED229 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
#4ED229 }
```

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

```
.border{ border-color:#4ED229 }
```

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

Here you see how a box with a 4 pixel #4ED229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED229; -webkit-box-shadow:4px 4px  
4px 4px #4ED229; box-shadow:4px 4px 4px  
4px #4ED229 }
```

Background

The CSS property to change the background color of an element to Hex 4ED229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED229 }
```

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

```
.background{ background-color:#4ED229 }
```

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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