

Converting Colors

Hex(4ED315)

Have a look what the booklet for
Hex(4ED315) contains.

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Color

Hex(4ED315)

Conversions

Conversions Part 1

Format	Color
Hex	4ED315
RGB	78, 211, 21
RGB Percent	31%, 83%, 8%
CMY	0.6941, 0.1725, 0.9176
CMYK	0.63, 0.00, 0.90, 0.17
HSL	102°, 82%, 45%
HSV	102°, 90%, 83%
XYZ	26.5715, 48.2624, 8.6246
YIQ	149.5730, -18.2780, -87.2860

Conversions

Conversions Part 2

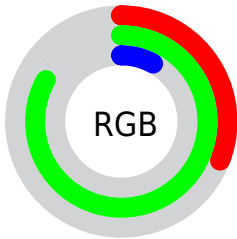
Format	Color
RYB	21, 211, 154
Decimal	5165845
CIELab	74.99, -65.26, 70.99
CIElCh	75, 96.428, 132.594
Yxy	48.2624, 0.3184, 0.5783
Android (android.graphics.Color)	4283355925 (0xFF4ED315)
YUV	149.5730, -63.3865, -62.7695
Hunter-Lab	69.4711, -53.3013, 41.2692

Details

The Hex color **4ED315** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **9A15D3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **8FFF5A**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **3FD300**, and if you desaturate by 10%, it is **5DD32A**.

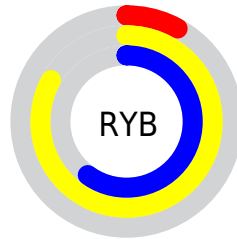
Distribution



Red (31%)

Green (83%)

Blue (8%)



Red (8%)

Yellow (83%)

Blue (60%)

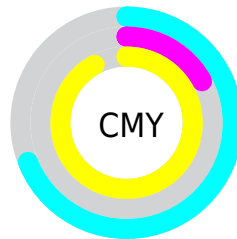


Cyan (63%)

Magenta (0%)

Yellow (90%)

Black (17%)



Cyan (69%)

Magenta (17%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED315 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 4ED315 by changing the saturation by 10% instead.

 4ED315

 4ED315

FFFFFF

 25B700

 8FFF5A

 009B00

 ADFF77

 008000

 CCFF93

 006600

 EBFFB0

 004C00

 FFFFCD

 003500

 FFFFEB

 001A00

 000000

 4ED315

 4ED315

 3FD300

 5DD32A

 6CD33F

 7AD354

 89D369

 98D37F

 A7D394

 B5D3A9

 C4D3BE

 D3D3D3

Harmonies

Analogous

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



BCC000



4ED315



00DC80

Triad

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



4ED315



00D1FF



FF4C97

Complementary

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



4ED315



9A15D3

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.



FF5BF0



4ED315



00B7FF

Square

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



4ED315



00DDFF



E98DFF



FF7542

Rectangle

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



4ED315



00DFBE



E98DFF



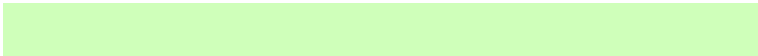
FF49B5

Sweetspot

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



4ED315



CFFFBA



D39A15



638057



000000



808080

Same Dimension

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



4ED315



4DFF00



15D33B



61695E



32A800



0C2900

Inverse Universe

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



9A15D3



B300FF



D315AD



655E69



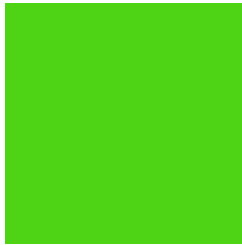
7600A8



1D0029

Previews

White Background



This preview shows how the Hex color 4ED315 looks on a white background.

Color Contrast Check

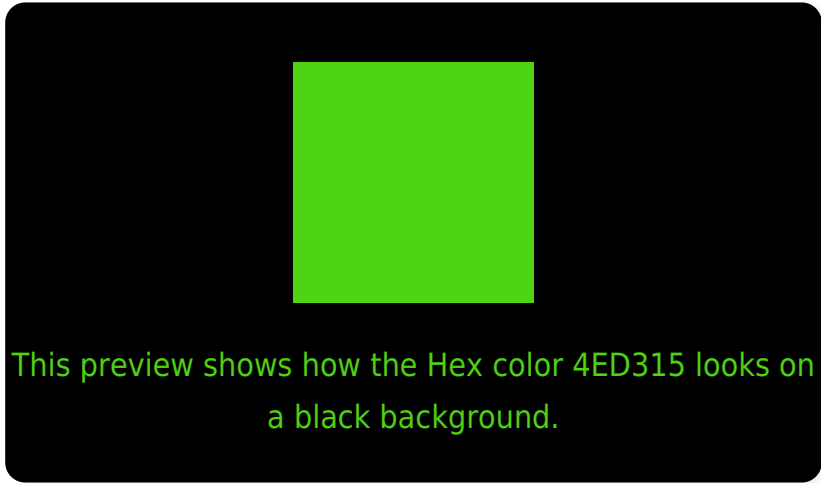
Large Text (above 18pt) WCAG AA × Fail

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

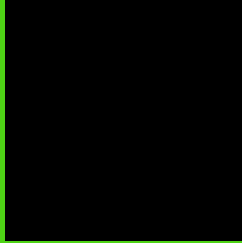
Any Text WCAG AA ✓ Pass

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 4ED315 Background



This preview shows how black text looks on a background with the Hex color 4ED315.

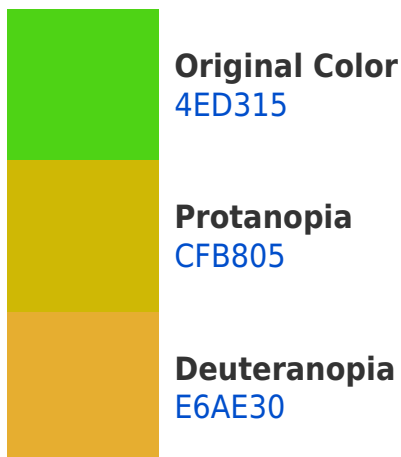


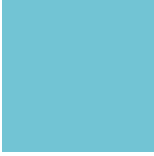
This preview shows how white text looks on a background with the Hex color 4ED315.

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](#).

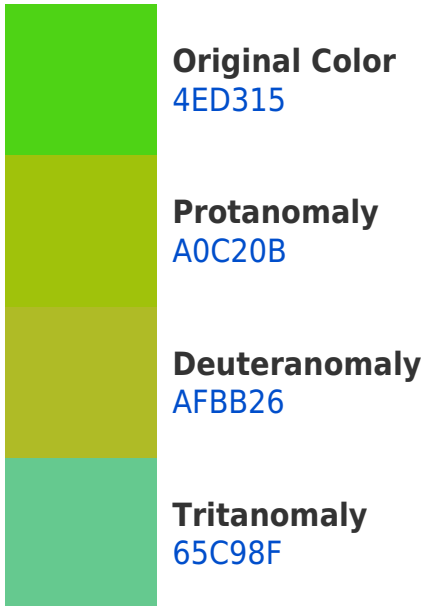
Dichromacy



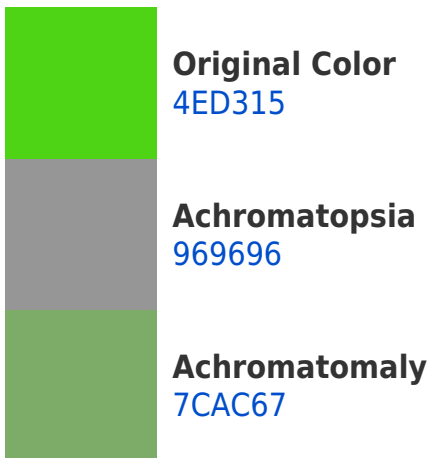


Tritanopia
72C4D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED315 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 #4ED315 looks like.

```
.text, #text, p{  
    color:#4ED315  
}
```

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 #4ED315 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED315
}
```

Border

The CSS property to change the border of an element to Hex 4ED315 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
#4ED315 }
```

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

```
.border{ border-color:#4ED315 }
```

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

Here you see how a box with a 4 pixel #4ED315 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED315; -webkit-box-shadow:4px 4px  
4px 4px #4ED315; box-shadow:4px 4px 4px  
4px #4ED315 }
```

Background

The CSS property to change the background color of an element to Hex 4ED315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED315 }
```

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

```
.background{ background-color:#4ED315 }
```

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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