

Converting Colors

Hex(4ED400)

Have a look what the booklet for
Hex(4ED400) contains.

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Color

Hex(4ED400)

Conversions

Conversions Part 1

Format	Color
Hex	4ED400
RGB	78, 212, 0
RGB Percent	31%, 83%, 0%
CMY	0.6941, 0.1686, 1.0000
CMYK	0.63, 0.00, 1.00, 0.17
HSL	98°, 100%, 42%
HSV	98°, 100%, 83%
XYZ	26.6854, 48.7067, 7.9949
YIQ	147.7660, -11.8120, -94.3400

Conversions

Conversions Part 2

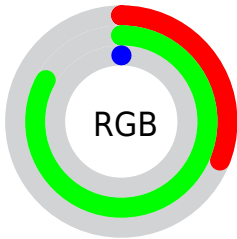
Format	Color
RYB	0, 212, 134
Decimal	5166080
CIELab	75.27, -66.00, 73.61
CIELCh	75, 98.864, 131.878
Yxy	48.7067, 0.3200, 0.5841
Android (android.graphics.Color)	4283356160 (0xFF4ED400)
YUV	147.7660, -72.8486, -61.1848
Hunter-Lab	69.7902, -53.8805, 42.0611

Details

The Hex color **4ED400** 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 **8600D4**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **8FFF54**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **4ED400**, and if you desaturate by 10%, it is **5BD415**.

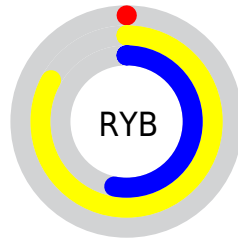
Distribution



Red (31%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (53%)

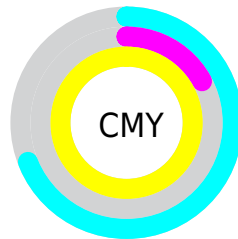


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (69%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED400 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 4ED400 by changing the saturation by 10% instead.

 4ED400

 4ED400

FFFFFF

 24B800

 8FFF54

 009C00

 AEFF71

 008100

 CDFF8E

 006700

 EBFFAB

 004D00

 FFFFC8

 003600

 FFFF E5

 001B00

 000000

 4ED400

 5BD415

 69D42A

 76D440

 84D455

 91D46A

 9ED47F

 ACD494

 B9D4AA

 C7D4BF

Harmonies

Analogous

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



BEC100



4ED400



00DE7D

Triad

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



4ED400



00D3FF



FF4699

Complementary

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



4ED400



8600D4

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.



FF58F4



4ED400



00B9FF

Square

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



4ED400



00DFFF



E88EFF



FF7241

Rectangle

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



4ED400



00E0BD



E88EFF



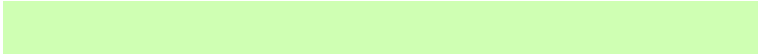
FF43B8

Sweetspot

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



4ED400



CFFFB3



D48300



628052



000000



808080

Same Dimension

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



4ED400



5EFF00



00D419



646B60



3FAB00



102B00

Inverse Universe

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



8600D4



A100FF



D400BB



67606B



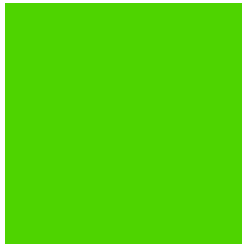
6C00AB



1B002B

Previews

White Background



This preview shows how the Hex color 4ED400 looks on a white background.

Color Contrast Check

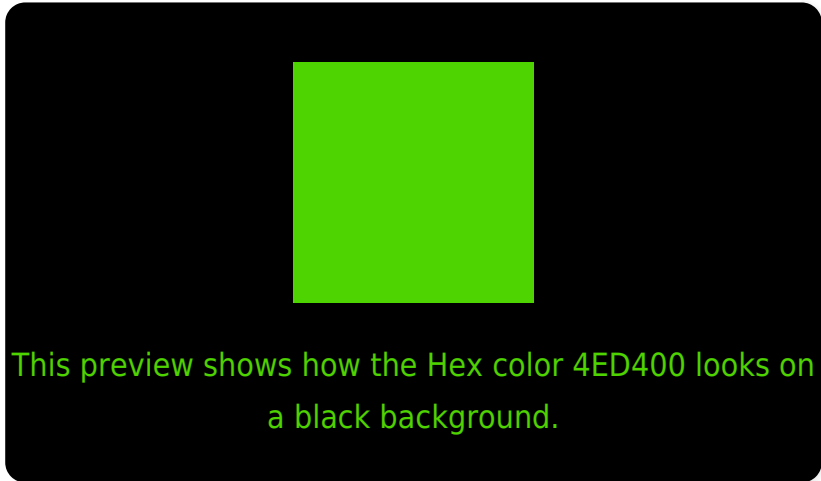
Large Text (above 18pt) WCAG AA × Fail

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

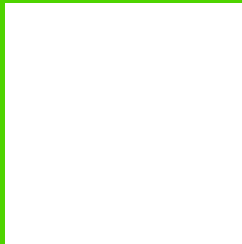
Any Text WCAG AAA ✓ Pass

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

Hex 4ED400 Background



This preview shows how black text looks on a background with the Hex color 4ED400.

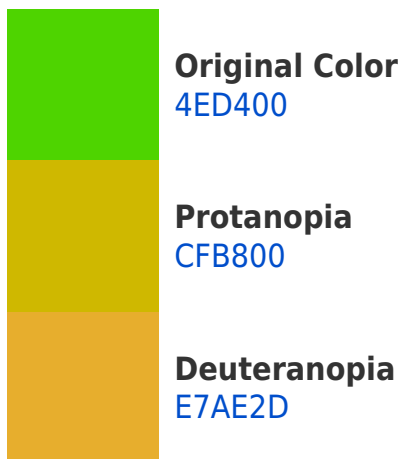


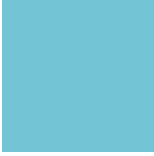
This preview shows how white text looks on a background with the Hex color 4ED400.

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](#).

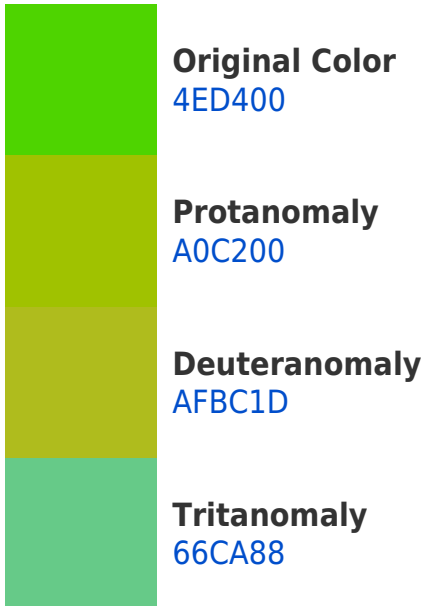
Dichromacy



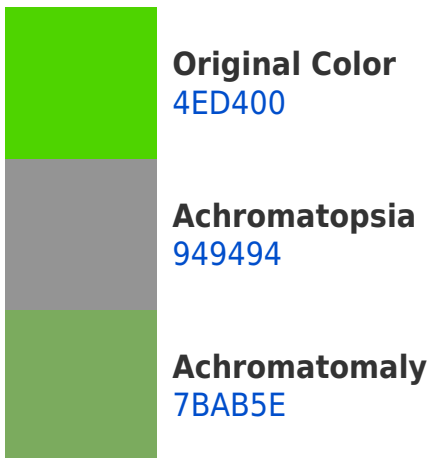


Tritanopia
73C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED400 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 #4ED400 looks like.

```
.text, #text, p{  
    color:#4ED400  
}
```

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 #4ED400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED400
}
```

Border

The CSS property to change the border of an element to Hex 4ED400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

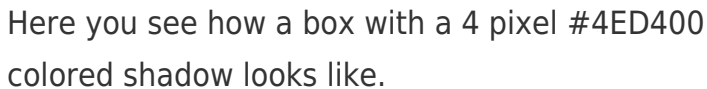
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4ED400 }
```

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

```
.border{ border-color:#4ED400 }
```

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



Here you see how a box with a 4 pixel #4ED400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED400; -webkit-box-shadow:4px 4px  
4px 4px #4ED400; box-shadow:4px 4px 4px  
4px #4ED400 }
```

Background

The CSS property to change the background color of an element to Hex 4ED400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED400 }
```

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

```
.background{ background-color:#4ED400 }
```

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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