

Converting Colors

Hex(4FE430)

Have a look what the booklet for
Hex(4FE430) contains.

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Color

Hex(4FE430)

Conversions

Conversions Part 1

Format	Color
Hex	4FE430
RGB	79, 228, 48
RGB Percent	31%, 89%, 19%
CMY	0.6902, 0.1059, 0.8118
CMYK	0.65, 0.00, 0.79, 0.11
HSL	110°, 77%, 54%
HSV	110°, 79%, 89%
XYZ	31.5014, 57.3625, 12.2081
YIQ	162.9290, -31.0240, -87.5680

Conversions

Conversions Part 2

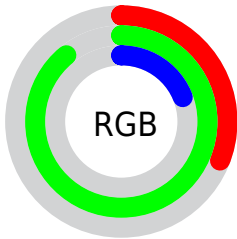
Format	Color
RYB	48, 228, 197
Decimal	5235760
CIELab	80.38, -69.42, 69.74
CIElCh	80, 98.403, 134.871
Yxy	57.3625, 0.3117, 0.5675
Android (android.graphics.Color)	4283425840 (0xFF4FE430)
YUV	162.9290, -56.6600, -73.6057
Hunter-Lab	75.7380, -58.2989, 43.4598

Details

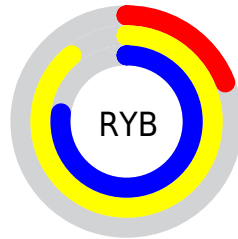
The Hex color **4FE430** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C530E4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **91FF6C**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **3CE419**, and if you desaturate by 10%, it is **62E447**.

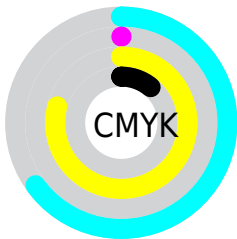
Distribution



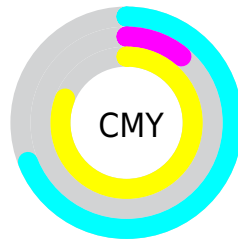
- Red (31%)
- Green (89%)
- Blue (19%)



- Red (19%)
- Yellow (89%)
- Blue (77%)



- Cyan (65%)
- Magenta (0%)
- Yellow (79%)
- Black (11%)



- Cyan (69%)
- Magenta (11%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FE430 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 4FE430 by changing the saturation by 10% instead.

 4FE430

 4FE430

FFFFFF

 22C700

 91FF6C

 00AB00

 B1FF89

 009000

 D0FFA5

 007500

 EFFF C2


 005B00

 FFFF E0

 004100

FFFFFF D

 002900

 000300

 000000

 4FE430

 4FE430

 3CE419

 62E447

 29E402

 75E45E

 27E400

 88E474

 9AE48B

 ADE4A2

 C0E4B9

 D3E4D0

 E6E4E6

 F9E4FD

Harmonies

Analogous

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



C5D100



4FE430



00ED94

Triad

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



4FE430



00DFFF



FF5E9E

Complementary

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



4FE430



C530E4

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.



FF67FA



4FE430



23C3FF

Square

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



4FE430



00EDFF



FF97FF



FF8646

Rectangle

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



4FE430



00F0D4



FF97FF



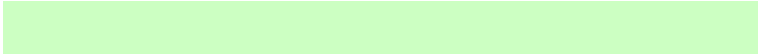
FF59BC

Sweetspot

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



4FE430



CCFFC2



E4C330



61805B



000000



808080

Same Dimension

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



4FE430



36FF0D



30E469



697367



1FB300



093300

Inverse Universe

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



C530E4



D50DFF



E430AB



716773



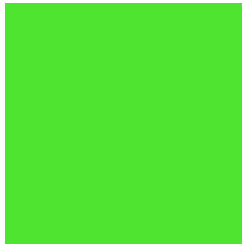
9400B3



2A0033

Previews

White Background



This preview shows how the Hex color 4FE430 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 4FE430 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 4FE430 Background



This preview shows how black text looks on a background with the Hex color 4FE430.

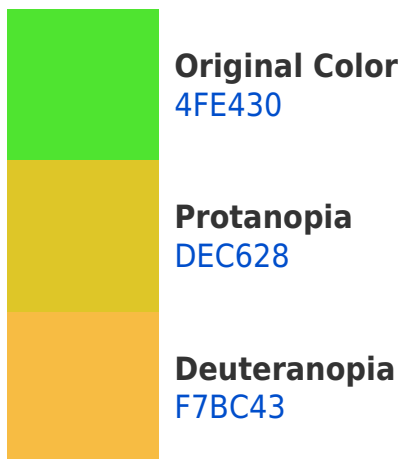


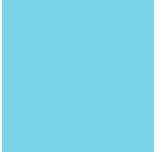
This preview shows how white text looks on a background with the Hex color 4FE430.

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](#).

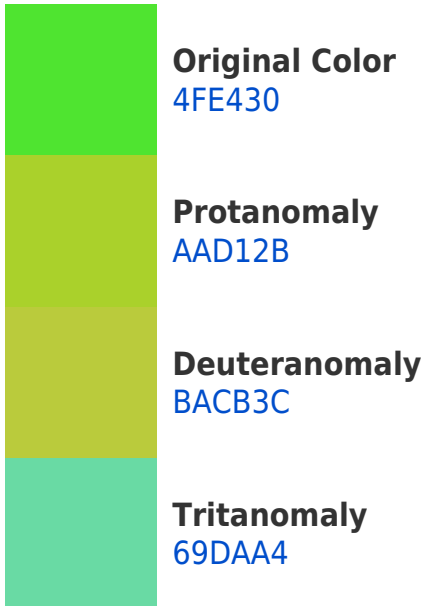
Dichromacy



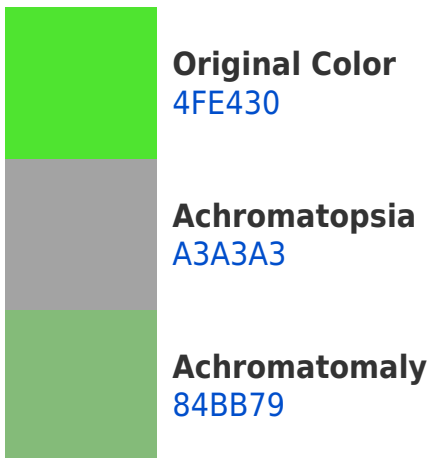


Tritanopia
78D4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FE430 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 #4FE430 looks like.

```
.text, #text, p{  
    color:#4FE430  
}
```

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 #4FE430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE430
}
```

Border

The CSS property to change the border of an element to Hex 4FE430 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
#4FE430 }
```

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

```
.border{ border-color:#4FE430 }
```

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

Here you see how a box with a 4 pixel #4FE430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE430; -webkit-box-shadow:4px 4px  
4px 4px #4FE430; box-shadow:4px 4px 4px  
4px #4FE430 }
```

Background

The CSS property to change the background color of an element to Hex 4FE430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE430 }
```

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

```
.background{ background-color:#4FE430 }
```

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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