

Converting Colors

Hex(4CF230)

Have a look what the booklet for
Hex(4CF230) contains.

Hex(4CF230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4CF230)

Conversions

Conversions Part 1

Format	Color
Hex	4CF230
RGB	76, 242, 48
RGB Percent	30%, 95%, 19%
CMY	0.7020, 0.0510, 0.8118
CMYK	0.69, 0.00, 0.80, 0.05
HSL	111°, 88%, 57%
HSV	111°, 80%, 95%
XYZ	35.2661, 65.2542, 13.5329
YIQ	170.2500, -36.6620, -95.5260

Conversions

Conversions Part 2

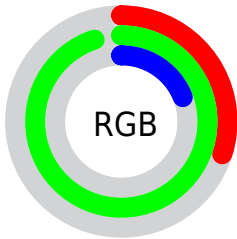
Format	Color
RYB	48, 242, 214
Decimal	5042736
CIELab	84.61, -74.40, 73.66
CIELCh	85, 104.694, 135.283
Yxy	65.2542, 0.3092, 0.5721
Android (android.graphics.Color)	4283232816 (0xFF4CF230)
YUV	170.2500, -60.2692, -82.6573
Hunter-Lab	80.7800, -63.4374, 46.6133

Details

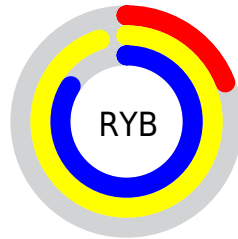
The Hex color **4CF230** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **D630F2**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **92FF6E**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **37F218**, and if you desaturate by 10%, it is **61F248**.

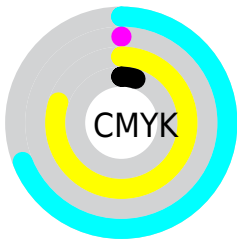
Distribution



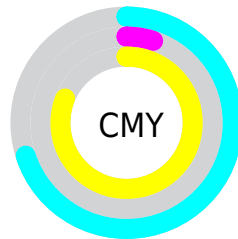
- Red (30%)
- Green (95%)
- Blue (19%)



- Red (19%)
- Yellow (95%)
- Blue (84%)



- Cyan (69%)
- Magenta (0%)
- Yellow (80%)
- Black (5%)



- Cyan (70%)
- Magenta (5%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CF230 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 4CF230 by changing the saturation by 10% instead.

 4CF230

 4CF230


FFFFFF

 16D500

 92FF6E

 00B800

 B2FF8B

 009C00

 D1FFA8

 008100

 F1FFC5

 006600

 FFFF E3

 004C00

 003400

 001900

 000000

 4CF230

 4CF230

 37F218

 61F248

 23F200

 75F260

 8AF279

 9FF291

 B4F2A9

 C8F2C1

 DDF2D9

 F2F2F2

 FFF2FF

Harmonies

Analogous

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



CFDE00



4CF230



00FC9D

Triad

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



4CF230



00EDFF



FF5FA5

Complementary

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



4CF230



D630F2

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.



FF69FF



4CF230



1DCEFF

Square

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



4CF230



00FBFF



FF9EFF



FF8D46

Rectangle

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



4CF230



00FEE3



FF9EFF



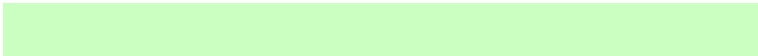
FF5AC6

Sweetspot

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



4CF230



CBFFC2



F2D530



60805B



000000



808080

Same Dimension

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



4CF230



2EFF0A



30F274



6E786C



1AB800



083800

Inverse Universe

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



D630F2



DC0AFF



F230AE



766C78



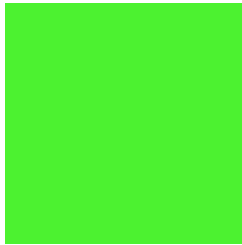
9D00B8



300038

Previews

White Background



This preview shows how the Hex color 4CF230 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 4CF230 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

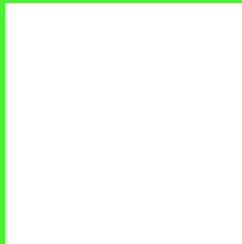
Any Text WCAG AAA ✓ Pass

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

Hex 4CF230 Background



This preview shows how black text looks on a background with the Hex color 4CF230.

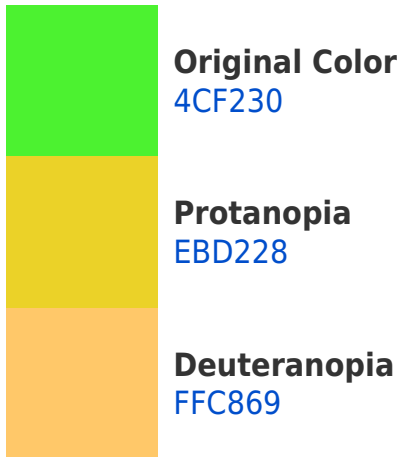


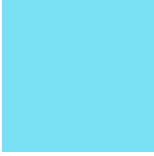
This preview shows how white text looks on a background with the Hex color 4CF230.

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](#).

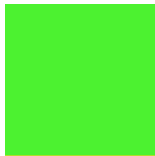
Dichromacy





Tritanopia
7AE1F4

Trichromacy



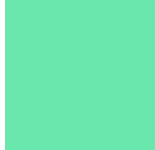
Original Color
4CF230



Protanomaly
B1DE2B

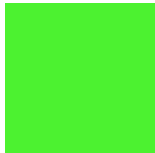


Deuteranomaly
BED754

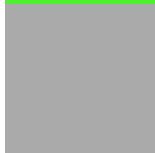


Tritanomaly
69E7AD

Monochromacy



Original Color
4CF230



Achromatopsia
AAAAAA



Achromatomaly
88C47E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CF230 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 #4CF230 looks like.

```
.text, #text, p{  
    color:#4CF230  
}
```

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 #4CF230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CF230
}
```

Border

The CSS property to change the border of an element to Hex 4CF230 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
#4CF230 }
```

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

```
.border{ border-color:#4CF230 }
```

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

Here you see how a box with a 4 pixel #4CF230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CF230; -webkit-box-shadow:4px 4px  
4px 4px #4CF230; box-shadow:4px 4px 4px  
4px #4CF230 }
```

Background

The CSS property to change the background color of an element to Hex 4CF230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CF230 }
```

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

```
.background{ background-color:#4CF230 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor