

Converting Colors

Hex(4AF850)

Have a look what the booklet for
Hex(4AF850) contains.

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Color

Hex(4AF850)

Conversions

Conversions Part 1

Format	Color
Hex	4AF850
RGB	74, 248, 80
RGB Percent	29%, 97%, 31%
CMY	0.7098, 0.0275, 0.6863
CMYK	0.70, 0.00, 0.68, 0.03
HSL	122°, 93%, 63%
HSV	122°, 70%, 97%
XYZ	37.8394, 69.1698, 18.9462
YIQ	176.8220, -49.7760, -89.1360

Conversions

Conversions Part 2

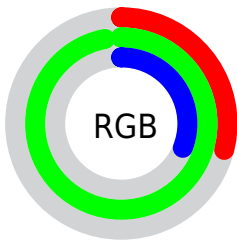
Format	Color
RYB	74, 242, 248
Decimal	4913232
CIELab	86.59, -74.37, 65.22
CIELCh	87, 98.914, 138.749
Yxy	69.1698, 0.3004, 0.5492
Android (android.graphics.Color)	4283103312 (0xFF4AF850)
YUV	176.8220, -47.7332, -90.1749
Hunter-Lab	83.1684, -64.3320, 44.7113

Details

The Hex color **4AF850** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed green. A complement of this color would be **F84AF2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **90FF88**, and **00BE06** is the 20% darker color. If you saturate the color by 10%, you get **31F838**, and if you desaturate by 10%, it is **63F868**.

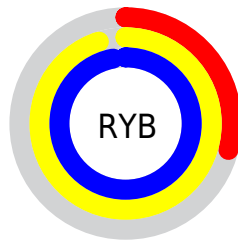
Distribution



Red (29%)

Green (97%)

Blue (31%)



Red (29%)

Yellow (95%)

Blue (97%)

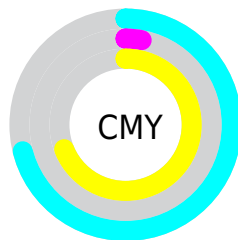


Cyan (70%)

Magenta (0%)

Yellow (68%)

Black (3%)



Cyan (71%)

Magenta (3%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AF850 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 4AF850 by changing the saturation by 10% instead.

 4AF850

 4AF850

FFFFFF

 0FDB32

 90FF88

 00BE06

 B0FFA5

 00A200

 D0FFC1

 008600

 EFFFDE

 006C00

 FFFFFC

 005100

 003900

 001F00

 000000

 4AF850

 4AF850

 31F838

 63F868

 18F820

 7CF880

 00F809

 94F898

 ADF8B0

 C6F8C8

 DFF8E0

 F8F8F8

 FFF8FF

Harmonies

Analogous

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



CCE600



4AF850



00FFB1

Triad

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



4AF850



00EEFF



FF76A2

Complementary

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



4AF850



F84AF2

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.



FF77FF



4AF850



80CFFF

Square

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



4AF850



00FEFF



FFA2FF



FF9E4A

Rectangle

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



4AF850



00FFF3



FFA2FF



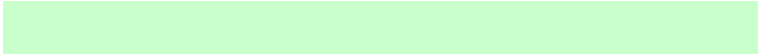
FF70C1

Sweetspot

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



4AF850



C9FFCB



F2F84A



608061



000000



808080

Same Dimension

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



4AF850



29FF30



4AF8A7



707D71



00BD07



003D02

Inverse Universe

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



F84AF2



FF29F8



F84A9B



7D707D



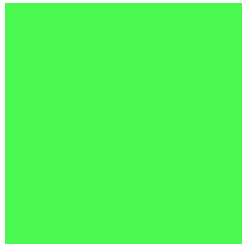
BD00B6



3D003B

Previews

White Background



This preview shows how the Hex color 4AF850 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 4AF850 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 4AF850 Background



This preview shows how black text looks on a background with the Hex color 4AF850.

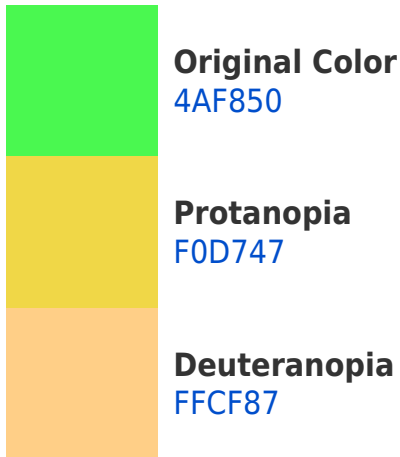


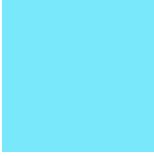
This preview shows how white text looks on a background with the Hex color 4AF850.

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](#).

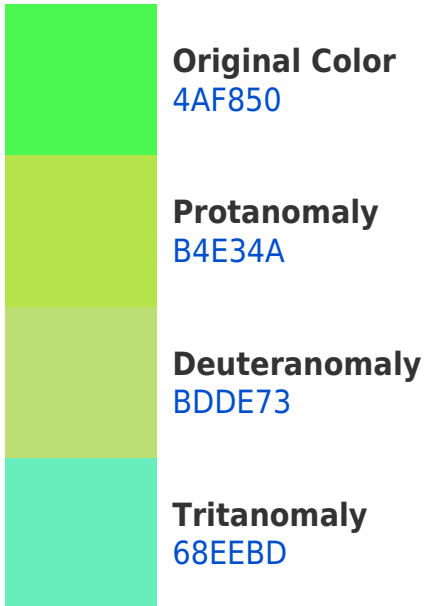
Dichromacy



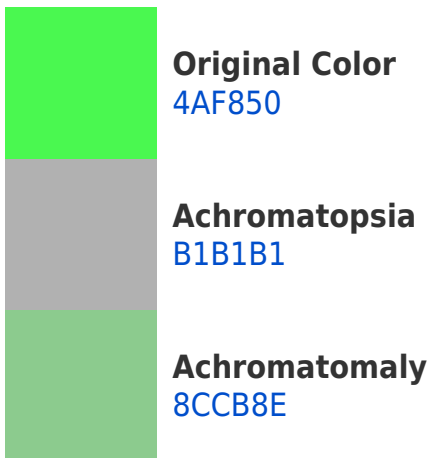


Tritanopia
79E8FB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4AF850 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 #4AF850 looks like.

```
.text, #text, p{  
    color:#4AF850  
}
```

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 #4AF850 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AF850
}
```

Border

The CSS property to change the border of an element to Hex 4AF850 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
#4AF850 }
```

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

```
.border{ border-color:#4AF850 }
```

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

Here you see how a box with a 4 pixel #4AF850 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AF850; -webkit-box-shadow:4px 4px  
4px 4px #4AF850; box-shadow:4px 4px 4px  
4px #4AF850 }
```

Background

The CSS property to change the background color of an element to Hex 4AF850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AF850 }
```

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

```
.background{ background-color:#4AF850 }
```

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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