

Converting Colors

Hex(4FB81A)

Have a look what the booklet for
Hex(4FB81A) contains.

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Color

Hex(4FB81A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FB81A |
| RGB | 79, 184, 26 |
| RGB Percent | 31%, 72%, 10% |
| CMY | 0.6902, 0.2784, 0.8980 |
| CMYK | 0.57, 0.00, 0.86, 0.28 |
| HSL | 100°, 75%, 41% |
| HSV | 100°, 86%, 72% |
| XYZ | 20.5514, 36.0178, 6.8462 |
| YIQ | 134.5930, -11.8620, -71.3980 |

Conversions

Conversions Part 2

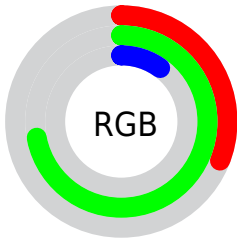
| Format | Color |
|-------------------------------------|--|
| RYB | 26, 184, 131 |
| Decimal | 5224474 |
| CIELab | 66.53, -55.64, 62.77 |
| CIELCh | 67, 83.883, 131.557 |
| Yxy | 36.0178, 0.3241, 0.5680 |
| Android (android.graphics.Color) | 4283414554 (0xFF4FB81A) |
| YUV | 134.5930, -53.5363, -48.7551 |
| Hunter-Lab | 60.0149, -43.9007, 35.2468 |

Details

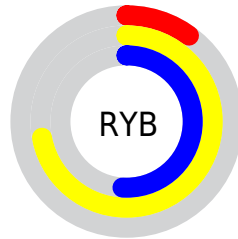
The Hex color **4FB81A** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **831AB8**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8BF158**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **43B808**, and if you desaturate by 10%, it is **5BB82C**.

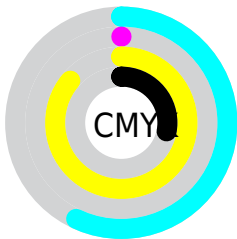
Distribution



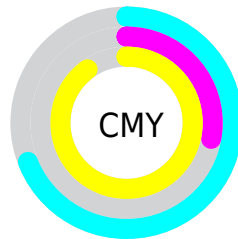
- Red (31%)
- Green (72%)
- Blue (10%)



- Red (10%)
- Yellow (72%)
- Blue (51%)



- Cyan (57%)
- Magenta (0%)
- Yellow (86%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB81A 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 4FB81A by changing the saturation by 10% instead.



4FB81A



4FB81A

FFFFFF



2D9D00



8BF158



008200



A9FF73



006800



C6FF8F



004E00



E4FFAB



003700



FFFFC8



001F00



FFFFE5



000000



4FB81A



4FB81A



43B808



5BB82C

 3EB800

 67B83F

 74B851

 80B864

 8CB876

 98B888

 A5B89B

 B1B8AD

 BDB8C0

Harmonies

Analogous

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



A8A800



4FB81A



00C06F

Triad

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



4FB81A



00B7FF



FF4A88

Complementary

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



4FB81A



831AB8

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.



FF57D3



4FB81A



00A1FF

Square

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



4FB81A



00C1FF



C87FFF



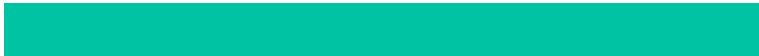
FF6840

Rectangle

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



4FB81A



00C3A4



C87FFF



FF48A1

Sweetspot

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



4FB81A



C6F0B1



B8811A



5F7853



F7F7F7



787878

Same Dimension

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



4FB81A



50F000



1AB832



565C53



349C00



091C00

Inverse Universe

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



831AB8



9F00F0



B81AA0



59535C



67009C



13001C

Previews

White Background



This preview shows how the Hex color 4FB81A looks on a white background.

Color Contrast Check

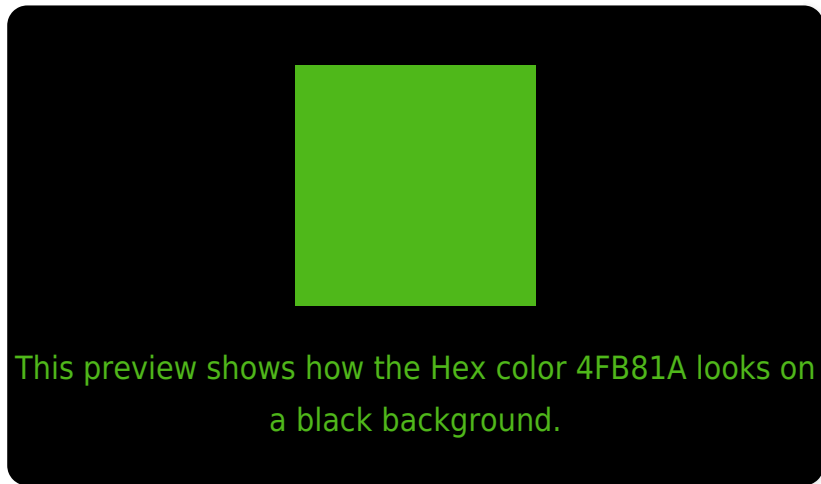
Large Text (above 18pt) WCAG AA × Fail

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

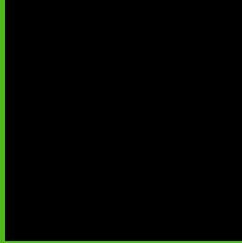
Any Text WCAG AA ✓ Pass

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 4FB81A Background



This preview shows how black text looks on a background with the Hex color 4FB81A.

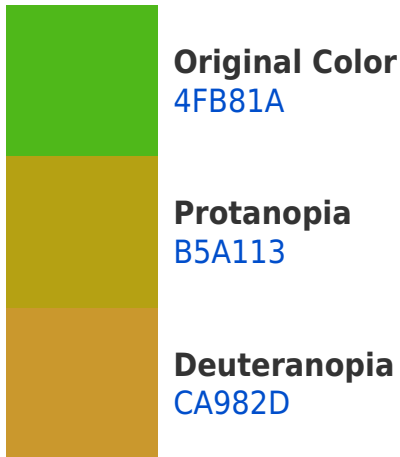


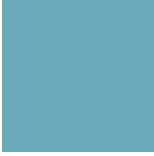
This preview shows how white text looks on a background with the Hex color 4FB81A.

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](#).

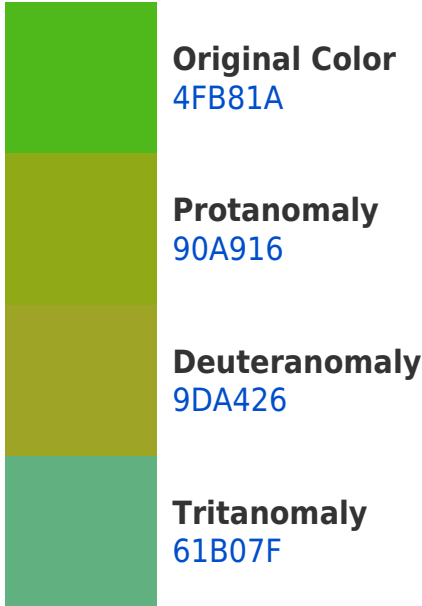
Dichromacy



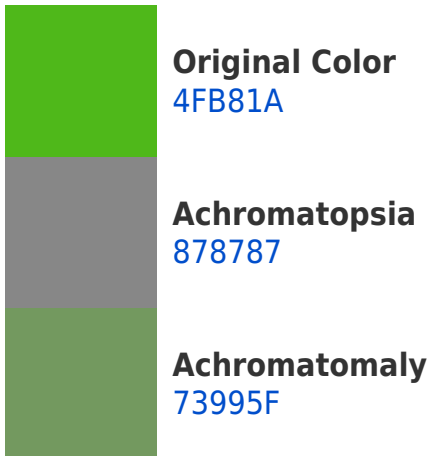


Tritanopia
6BABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB81A 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 #4FB81A looks like.

```
.text, #text, p{  
    color:#4FB81A  
}
```

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 #4FB81A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB81A
}
```

Border

The CSS property to change the border of an element to Hex 4FB81A 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
#4FB81A }
```

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

```
.border{ border-color:#4FB81A }
```

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

Here you see how a box with a 4 pixel #4FB81A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB81A; -webkit-box-shadow:4px 4px  
4px 4px #4FB81A; box-shadow:4px 4px 4px  
4px #4FB81A }
```

Background

The CSS property to change the background color of an element to Hex 4FB81A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB81A }
```

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

```
.background{ background-color:#4FB81A }
```

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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