

Converting Colors

Hex(4FA934)

Have a look what the booklet for
Hex(4FA934) contains.

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Color

Hex(4FA934)

Conversions

Conversions Part 1

Format	Color
Hex	4FA934
RGB	79, 169, 52
RGB Percent	31%, 66%, 20%
CMY	0.6902, 0.3373, 0.7961
CMYK	0.53, 0.00, 0.69, 0.34
HSL	106°, 53%, 43%
HSV	106°, 69%, 66%
XYZ	18.0322, 30.2861, 8.1442
YIQ	128.7520, -16.0830, -55.4670

Conversions

Conversions Part 2

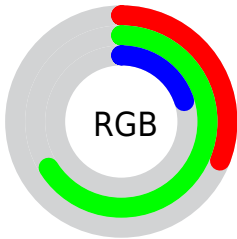
Format	Color
RYB	52, 169, 142
Decimal	5220660
CIELab	61.90, -48.47, 50.04
CIELCh	62, 69.671, 134.087
Yxy	30.2861, 0.3194, 0.5364
Android (android.graphics.Color)	4283410740 (0xFF4FA934)
YUV	128.7520, -37.8387, -43.6325
Hunter-Lab	55.0328, -37.8195, 29.7488

Details

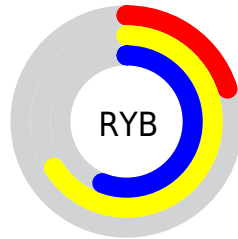
The Hex color **4FA934** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E34A9**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **88E169**, and **037400** is the 20% darker color. If you saturate the color by 10%, you get **42A923**, and if you desaturate by 10%, it is **5CA945**.

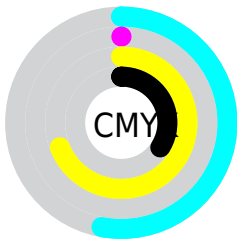
Distribution



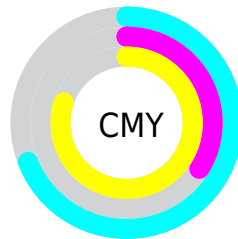
- Red (31%)
- Green (66%)
- Blue (20%)



- Red (20%)
- Yellow (66%)
- Blue (56%)



- Cyan (53%)
- Magenta (0%)
- Yellow (69%)
- Black (34%)



- Cyan (69%)
- Magenta (34%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA934 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 4FA934 by changing the saturation by 10% instead.



4FA934



4FA934

FFFFFF



308E17



88E169



037400



A5FE83



005A00



C1FF9F



004200



DFFFBA



002C00



FCFFD7



000D00



FFFFFF4



000000



4FA934



4FA934



42A923



5CA945

 35A912

 69A956

 28A901

 76A967

 27A900

 83A978

 90A988

 9DA999

 AAA9AA

 B7A9BB

 C4A9CC

Harmonies

Analogous

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



989C00



4FA934



00B071

Triad

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



4FA934



00A6FF



FF567B

Complementary

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



4FA934



8E34A9

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.



F35CB9



4FA934



4493FF

Square

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



4FA934



00AFE4



BD77EF



F46C41

Rectangle

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



4FA934



00B29D



BD77EF



FF5590

Sweetspot

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



4FA934



B8DBAD



A98E34



596E52



EDEDED



6E6E6E

Same Dimension

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



4FA934



4FDB25



34A953



4E544C



229400



051400

Inverse Universe

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



8E34A9



B125DB



A9348A



524C54



720094



100014

Previews

White Background



This preview shows how the Hex color 4FA934 looks on a white background.

Color Contrast Check

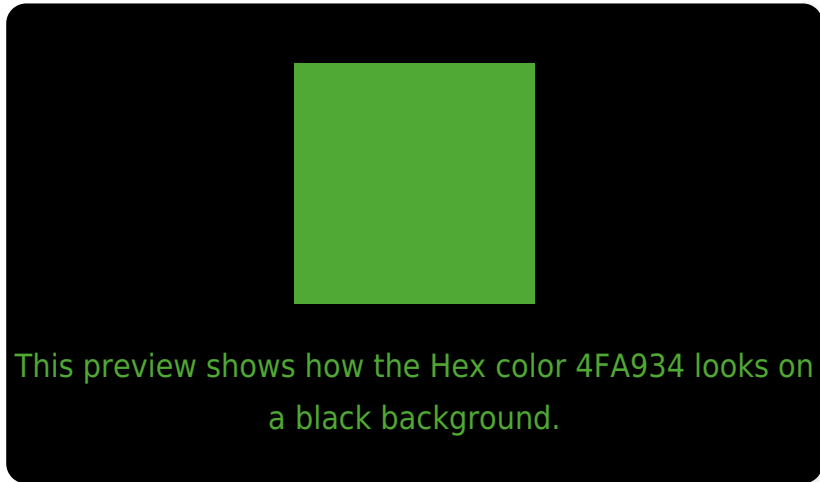
Large Text (above 18pt) WCAG AA × Fail

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

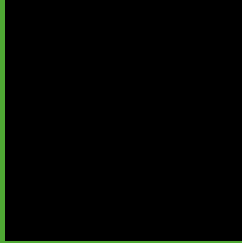
Any Text WCAG AA ✓ Pass

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 4FA934 Background



This preview shows how black text looks on a background with the Hex color 4FA934.

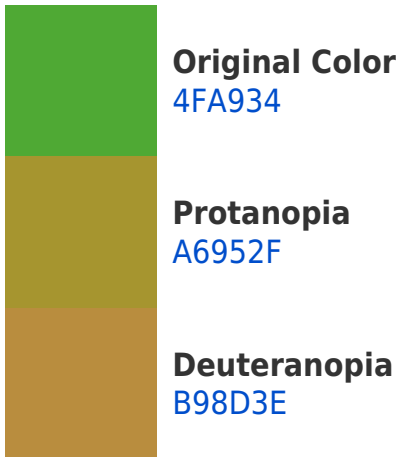


This preview shows how white text looks on a background with the Hex color 4FA934.

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](#).

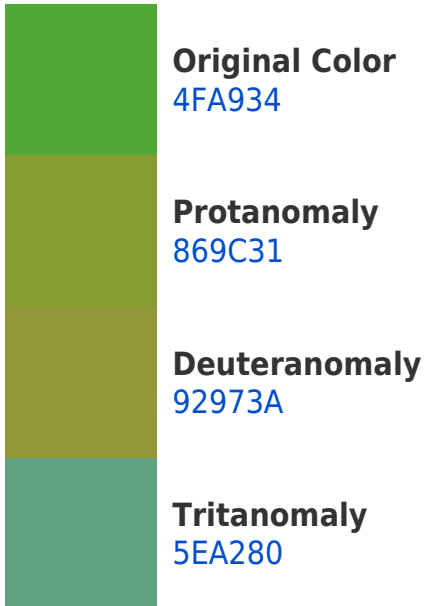
Dichromacy





Tritanopia
669EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA934 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 #4FA934 looks like.

```
.text, #text, p{  
    color:#4FA934  
}
```

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 #4FA934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA934
}
```

Border

The CSS property to change the border of an element to Hex 4FA934 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
#4FA934 }
```

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

```
.border{ border-color:#4FA934 }
```

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

Here you see how a box with a 4 pixel #4FA934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA934; -webkit-box-shadow:4px 4px  
4px 4px #4FA934; box-shadow:4px 4px 4px  
4px #4FA934 }
```

Background

The CSS property to change the background color of an element to Hex 4FA934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA934 }
```

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

```
.background{ background-color:#4FA934 }
```

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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