

Converting Colors

Hex(4FA301)

Have a look what the booklet for
Hex(4FA301) contains.

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Color

Hex(4FA301)

Conversions

Conversions Part 1

Format	Color
Hex	4FA301
RGB	79, 163, 1
RGB Percent	31%, 64%, 0%
CMY	0.6902, 0.3608, 0.9961
CMYK	0.52, 0.00, 0.99, 0.36
HSL	91°, 99%, 32%
HSV	91°, 99%, 64%
XYZ	16.3271, 27.8588, 4.5455
YIQ	119.4160, 1.9380, -68.1900

Conversions

Conversions Part 2

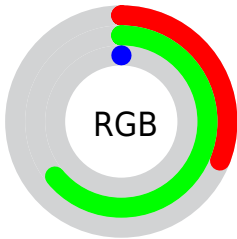
Format	Color
R_{YB}	1, 163, 85
Decimal	5219073
CIE _{Lab}	59.76, -48.61, 61.24
CIE _{LCh}	60, 78.189, 128.440
Yxy	27.8588, 0.3350, 0.5717
Android (android.graphics.Color)	4283409153 (0xFF4FA301)
YUV	119.4160, -58.3791, -35.4448
Hunter-Lab	52.7815, -37.1514, 31.8410

Details

The Hex color **4FA301** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5501A3**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **89DB49**, and **016E00** is the 20% darker color. If you saturate the color by 10%, you get **4EA300**, and if you desaturate by 10%, it is **57A311**.

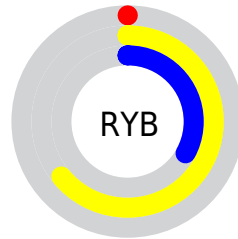
Distribution



Red (31%)

Green (64%)

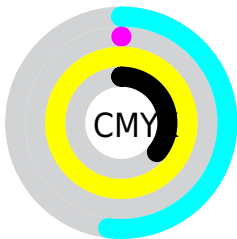
Blue (0%)



Red (0%)

Yellow (64%)

Blue (33%)

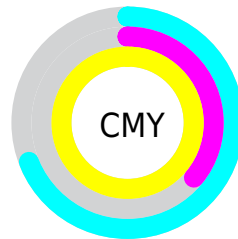


Cyan (52%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA301 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 4FA301 by changing the saturation by 10% instead.

 4FA301

 4FA301

FFFFFF

 308800

 89DB49

 016E00

 A6F765

 005500

 C3FF80

 003D00

 E0FF9C

 002700

 FEFFB8

 000000

 FFFFD5

 FFFFF2

 4FA301

 4FA301

■ 4EA300

■ 57A311

■ 60A322

■ 68A332

■ 71A342

■ 79A352

■ 82A363

■ 8AA373

■ 93A383

■ 9BA394

Harmonies

Analogous

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



9C9300



4FA301



00AB5A

Triad

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



4FA301



00A5FF



FF3D80

Complementary

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



4FA301



5501A3

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.



EF4EC4



4FA301



0092FF

Square

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



4FA301



00ADE4



A874FD



FC573D

Rectangle

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



4FA301



00AE8A



A874FD



FF3D97

Sweetspot

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



4FA301



B3D494



A35501



576B45



EBEBEB



6B6B6B

Same Dimension

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



4FA301



66D400



01A304



4D5249



469100



091200

Inverse Universe

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



5501A3



6E00D4



A301A0



4E4952



4B0091



090012

Previews

White Background



This preview shows how the Hex color 4FA301 looks on a white background.

Color Contrast Check

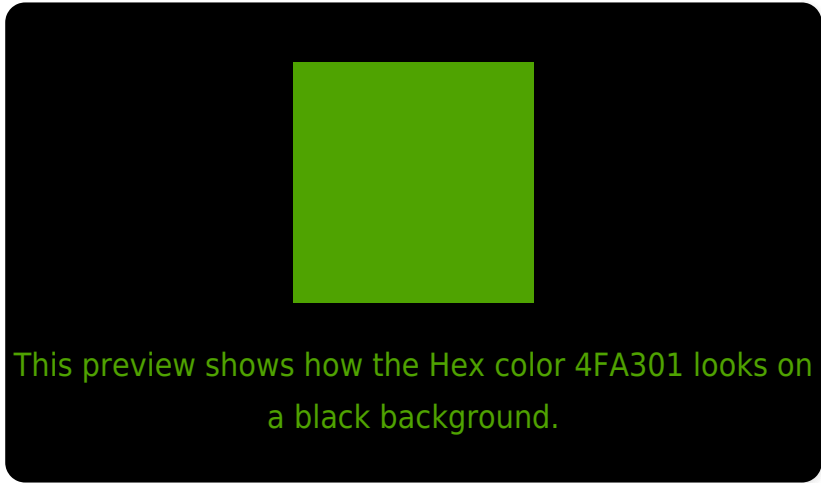
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 4FA301 Background



This preview shows how black text looks on a background with the Hex color 4FA301.



This preview shows how white text looks on a background with the Hex color 4FA301.

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



Original Color
4FA301

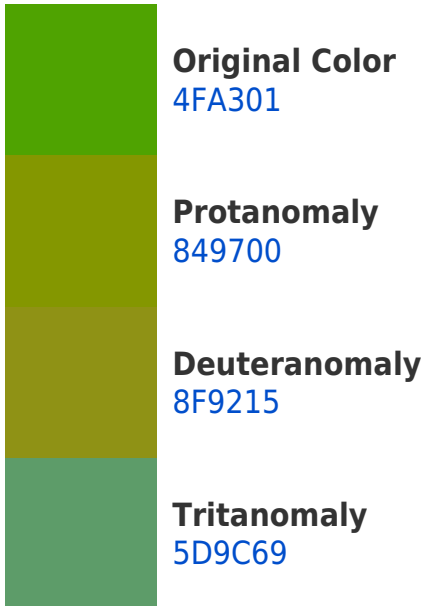
Protanopia
A29000

Deuteranopia
B48821



Tritanopia
6598A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA301 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 #4FA301 looks like.

```
.text, #text, p{  
    color:#4FA301  
}
```

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 #4FA301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA301
}
```

Border

The CSS property to change the border of an element to Hex 4FA301 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
#4FA301 }
```

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

```
.border{ border-color:#4FA301 }
```

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

Here you see how a box with a 4 pixel #4FA301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA301; -webkit-box-shadow:4px 4px  
4px 4px #4FA301; box-shadow:4px 4px 4px  
4px #4FA301 }
```

Background

The CSS property to change the background color of an element to Hex 4FA301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA301 }
```

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

```
.background{ background-color:#4FA301 }
```

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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