

Converting Colors

Hex(4DA301)

Have a look what the booklet for
Hex(4DA301) contains.

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Color

Hex(4DA301)

Conversions

Conversions Part 1

Format	Color
Hex	4DA301
RGB	77, 163, 1
RGB Percent	30%, 64%, 0%
CMY	0.6980, 0.3608, 0.9961
CMYK	0.53, 0.00, 0.99, 0.36
HSL	92°, 99%, 32%
HSV	92°, 99%, 64%
XYZ	16.1632, 27.7744, 4.5378
YIQ	118.8180, 0.7460, -68.6140

Conversions

Conversions Part 2

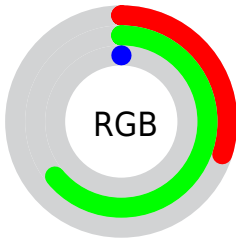
Format	Color
R_{YB}	1, 163, 87
Decimal	5088001
CIE _{Lab}	59.68, -49.21, 61.15
CIE _{LCh}	60, 78.493, 128.827
Yxy	27.7744, 0.3334, 0.5730
Android (android.graphics.Color)	4283278081 (0xFF4DA301)
YUV	118.8180, -58.0843, -36.6744
Hunter-Lab	52.7014, -37.4824, 31.7858

Details

The Hex color **4DA301** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5701A3**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **87DB49**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **4CA300**, and if you desaturate by 10%, it is **56A311**.

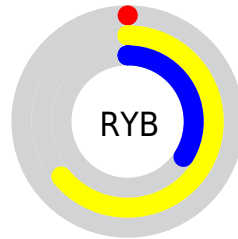
Distribution



Red (30%)

Green (64%)

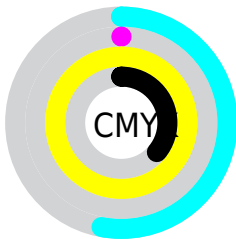
Blue (0%)



Red (0%)

Yellow (64%)

Blue (34%)

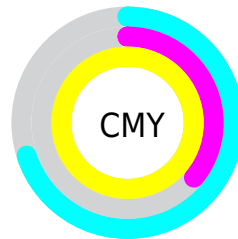


Cyan (53%)

Magenta (0%)

Yellow (99%)

Black (36%)



Cyan (70%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA301 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 4DA301 by changing the saturation by 10% instead.

 4DA301

 4DA301


FFFFFF

 2D8800

 87DB49

 006E00

 A4F765

 005500

 C1FF80

 003D00

 DEFF9C

 002700

 FCFFB8

 000000

 FFFFD5

 FFFFF2

 4DA301

 4DA301

■ 4CA300

■ 56A311

■ 5EA322

■ 67A332

■ 70A342

■ 78A352

■ 81A363

■ 8AA373

■ 92A383

■ 9BA394

Harmonies

Analogous

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



9B9300



4DA301



00AB5B

Triad

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



4DA301



00A5FF



FF3C7E

Complementary

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



4DA301



5701A3

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.



F04DC3



4DA301



0092FF

Square

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



4DA301



00ADE5



AA73FD



FB573C

Rectangle

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



4DA301



00AE8B



AA73FD



FF3C96

Sweetspot

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



4DA301



B2D494



A35501



576B45



EBEBEB



6B6B6B

Same Dimension

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



4DA301



63D400



01A304



4D5249



449100



081200

Inverse Universe

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



5701A3



7000D4



A301A0



4E4952



4D0091



090012

Previews

White Background



This preview shows how the Hex color 4DA301 looks on a white background.

Color Contrast Check

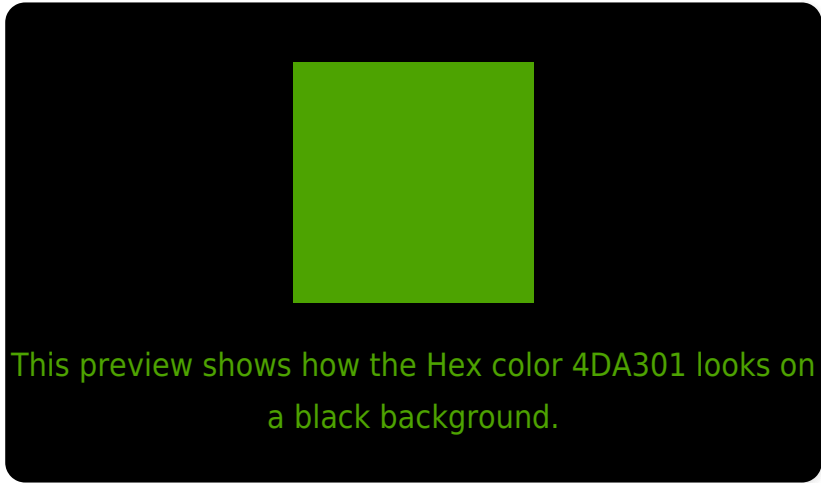
Large Text (above 18pt) WCAG AA ✓ Pass

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 4DA301 Background



This preview shows how black text looks on a background with the Hex color 4DA301.

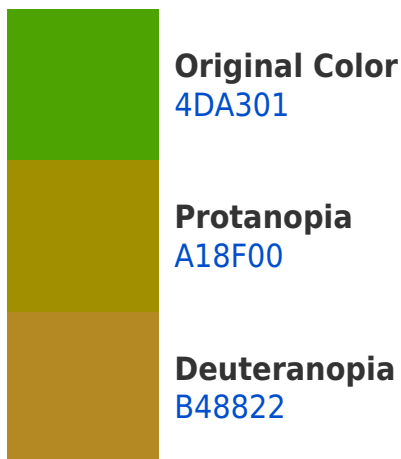


This preview shows how white text looks on a background with the Hex color 4DA301.

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
6498A4

Trichromacy



Original Color
4DA301

Protanomaly
829600

Deuteranomaly
8F9216

Tritanomaly
5C9C69

Monochromacy



Original Color
4DA301

Achromatopsia
777777

Achromatomaly
68874C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA301 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 #4DA301 looks like.

```
.text, #text, p{  
    color:#4DA301  
}
```

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 #4DA301 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA301
}
```

Border

The CSS property to change the border of an element to Hex 4DA301 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
#4DA301 }
```

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

```
.border{ border-color:#4DA301 }
```

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

Here you see how a box with a 4 pixel #4DA301 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA301; -webkit-box-shadow:4px 4px  
4px 4px #4DA301; box-shadow:4px 4px 4px  
4px #4DA301 }
```

Background

The CSS property to change the background color of an element to Hex 4DA301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA301 }
```

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

```
.background{ background-color:#4DA301 }
```

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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