

Converting Colors

Hex(4A2901)

Have a look what the booklet for
Hex(4A2901) contains.

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Color

Hex(4A2901)

Conversions

Conversions Part 1

Format	Color
Hex	4A2901
RGB	74, 41, 1
RGB Percent	29%, 16%, 0%
CMY	0.7098, 0.8392, 0.9961
CMYK	0.00, 0.45, 0.99, 0.71
HSL	33°, 97%, 15%
HSV	33°, 99%, 29%
XYZ	3.6225, 3.0439, 0.4253
YIQ	46.3070, 32.5080, -5.4440

Conversions

Conversions Part 2

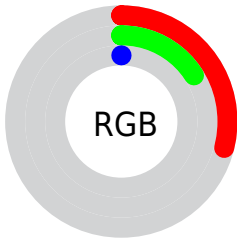
Format	Color
RYB	61, 74, 1
Decimal	4860161
CIELab	20.22, 12.15, 28.78
CIELCh	20, 31.236, 67.113
Yxy	3.0439, 0.5108, 0.4292
Android (android.graphics.Color)	4283050241 (0xFF4A2901)
YUV	46.3070, -22.3364, 24.2868
Hunter-Lab	17.4468, 6.5298, 10.7674

Details

The Hex color **4A2901** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **01224A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **7E5630**, and **190000** is the 20% darker color. If you saturate the color by 10%, you get **4A2900**, and if you desaturate by 10%, it is **4A2C08**.

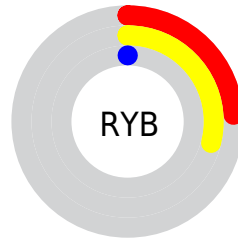
Distribution



Red (29%)

Green (16%)

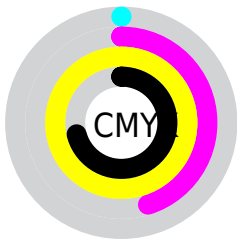
Blue (0%)



Red (24%)

Yellow (29%)

Blue (0%)

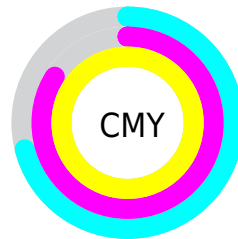


Cyan (0%)

Magenta (45%)

Yellow (99%)

Black (71%)



Cyan (71%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A2901 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 4A2901 by changing the saturation by 10% instead.

 4A2901

 4A2901

 FFFFE4

 311400

 7E5630

 190000

 9A6F47

 000000

 B5885F

 D2A278

 EFBE92

 FFD9AD

 FFF6C8

 4A2901

 4A2901

■ 4A2900

■ 4A2C08

■ 4A3010

■ 4A3317

■ 4A361F

■ 4A3A26

■ 4A3D2D

■ 4A4035

■ 4A443C

■ 4A4744

Harmonies

Analogous

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



561F16



4A2901



373100

Triad

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



4A2901



003B36



382856

Complementary

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



4A2901



01224A

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.



00325E



4A2901



003B4C

Square

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



4A2901



003A1E



00385B



501E43

Rectangle

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



4A2901



283601



00385B



2C2C5A

Sweetspot

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



4A2901



615444



4A0123



30291F



B0B0B0



303030

Same Dimension

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



4A2901



613500



484A01



262522



663800



E67E00

Inverse Universe

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



01224A



002C61



03014A



222426



002E66



0068E6

Previews

White Background



This preview shows how the Hex color 4A2901 looks on a white background.

Color Contrast Check

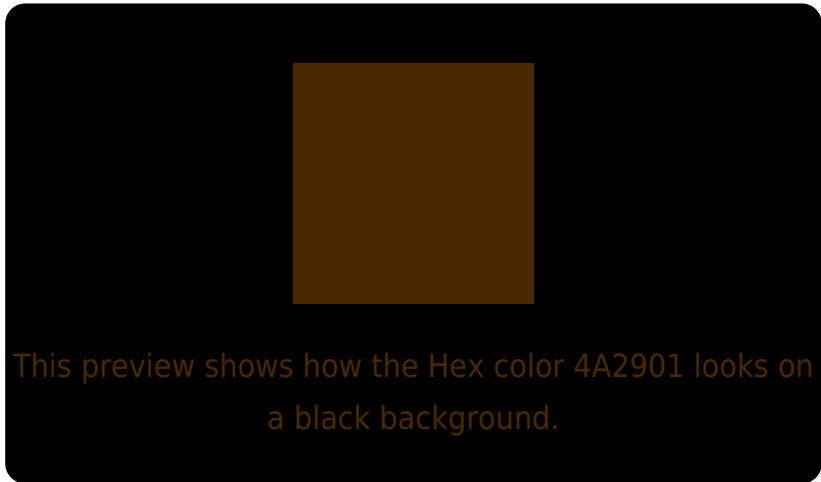
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

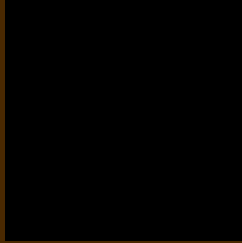
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4A2901 Background



This preview shows how black text looks on a background with the Hex color 4A2901.



This preview shows how white text looks on a background with the Hex color 4A2901.

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
4A2901

Protanopia
383206

Deuteranopia
3F2F00



Tritanopia
4B2629

Trichromacy



Original Color

4A2901

Protanomaly

3F2F04

Deuteranomaly

432D00

Tritanomaly

4B271A

Monochromacy



Original Color

4A2901

Achromatopsia

2E2E2E

Achromatomaly

382C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A2901 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 #4A2901 looks like.

```
.text, #text, p{  
    color:#4A2901  
}
```

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 #4A2901 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A2901
}
```

Border

The CSS property to change the border of an element to Hex 4A2901 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".

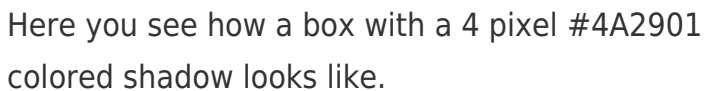
```
.border, #border, table{ border:4px solid
#4A2901 }
```

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

```
.border{ border-color:#4A2901 }
```

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

Here you see how a box with a 4 pixel #4A2901 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A2901; -webkit-box-shadow:4px 4px  
4px 4px #4A2901; box-shadow:4px 4px 4px  
4px #4A2901 }
```

Background

The CSS property to change the background color of an element to Hex 4A2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A2901 }
```

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

```
.background{ background-color:#4A2901 }
```

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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