

Converting Colors

Hex(43AC29)

Have a look what the booklet for
Hex(43AC29) contains.

Hex(43AC29)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(43AC29)

Conversions

Conversions Part 1

Format	Color
Hex	43AC29
RGB	67, 172, 41
RGB Percent	26%, 67%, 16%
CMY	0.7373, 0.3255, 0.8392
CMYK	0.61, 0.00, 0.76, 0.33
HSL	108°, 62%, 42%
HSV	108°, 76%, 67%
XYZ	17.4675, 30.8584, 7.1335
YIQ	125.6710, -20.5290, -63.0010

Conversions

Conversions Part 2

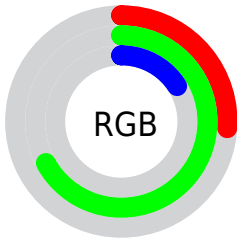
Format	Color
RYB	41, 172, 146
Decimal	4434985
CIELab	62.39, -53.61, 54.53
CIELCh	62, 76.464, 134.513
Yxy	30.8584, 0.3150, 0.5564
Android (android.graphics.Color)	4282625065 (0xFF43AC29)
YUV	125.6710, -41.7428, -51.4545
Hunter-Lab	55.5504, -41.0848, 31.2716

Details

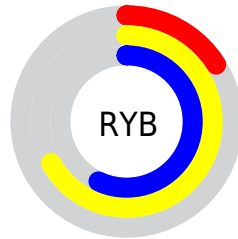
The Hex color **43AC29** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9229AC**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7FE460**, and **007600** is the 20% darker color. If you saturate the color by 10%, you get **35AC18**, and if you desaturate by 10%, it is **51AC3A**.

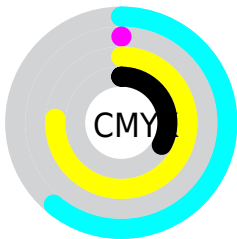
Distribution



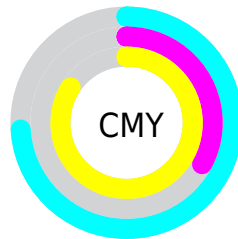
- Red (26%)
- Green (67%)
- Blue (16%)



- Red (16%)
- Yellow (67%)
- Blue (57%)



- Cyan (61%)
- Magenta (0%)
- Yellow (76%)
- Black (33%)



- Cyan (74%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43AC29 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 43AC29 by changing the saturation by 10% instead.

 43AC29

 43AC29

FFFFFF

 1F9103

 7FE460

 007600

 9CFF7B

 005D00

 B9FF96

 004400

 D7FFB2

 002E00

 F5FFCE

 000F00

 FFFFEB

 000000

 43AC29

 43AC29

 35AC18

 51AC3A

 27AC07

 5FAC4B

 22AC00

 6CAC5D

 7AAC6E

 88AC7F

 96AC90

 A4ACA1

 B1ACB3

 BFACC4

Harmonies

Analogous

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



979E00



43AC29



00B370

Triad

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



43AC29



00A9FF



FF4C79

Complementary

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



43AC29



9229AC

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.



FE53BD



43AC29



2D94FF

Square

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



43AC29



00B3F5



C274F9



FC6739

Rectangle

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



43AC29



00B5A0



C274F9



FF4A90

Sweetspot

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



43AC29



B7E0AD



AC9229



577051



F0F0F0



707070

Same Dimension

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



43AC29



3DE014



29AC50



50574E



1E9600



051700

Inverse Universe

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



9229AC



B814E0



AC2985



554E57



790096



120017

Previews

White Background



This preview shows how the Hex color 43AC29 looks on a white background.

Color Contrast Check

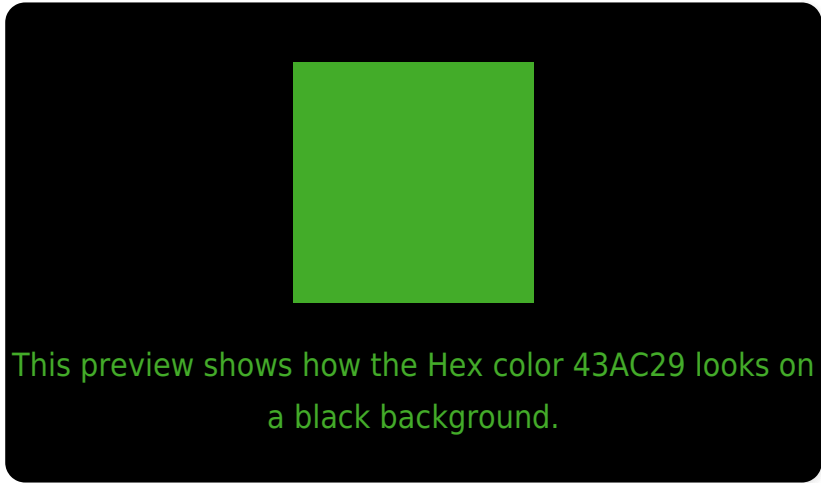
Large Text (above 18pt) WCAG AA × Fail

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 43AC29 Background



This preview shows how black text looks on a background with the Hex color 43AC29.

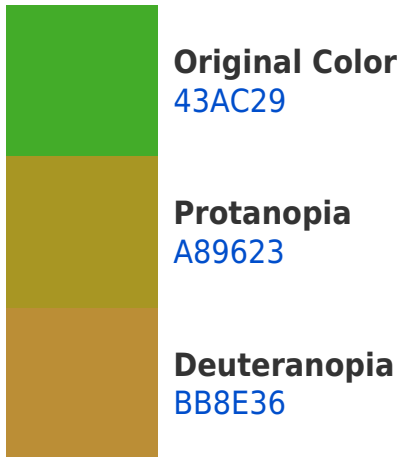


This preview shows how white text looks on a background with the Hex color 43AC29.

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
5FA0AD

Trichromacy



Original Color
43AC29



Protanomaly
839E25



Deuteranomaly
8F9931



Tritanomaly
55A47D

Monochromacy



Original Color
43AC29



Achromatopsia
7E7E7E



Achromatomaly
698F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 43AC29 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 #43AC29 looks like.

```
.text, #text, p{  
    color:#43AC29  
}
```

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 #43AC29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43AC29
}
```

Border

The CSS property to change the border of an element to Hex 43AC29 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
#43AC29 }
```

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

```
.border{ border-color:#43AC29 }
```

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

Here you see how a box with a 4 pixel #43AC29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43AC29; -webkit-box-shadow:4px 4px  
4px 4px #43AC29; box-shadow:4px 4px 4px  
4px #43AC29 }
```

Background

The CSS property to change the background color of an element to Hex 43AC29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43AC29 }
```

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

```
.background{ background-color:#43AC29 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor