

Converting Colors

Hex(4CA32B)

Have a look what the booklet for
Hex(4CA32B) contains.

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Color

Hex(4CA32B)

Conversions

Conversions Part 1

Format	Color
Hex	4CA32B
RGB	76, 163, 43
RGB Percent	30%, 64%, 17%
CMY	0.7020, 0.3608, 0.8314
CMYK	0.53, 0.00, 0.74, 0.36
HSL	104°, 58%, 40%
HSV	104°, 74%, 64%
XYZ	16.5137, 27.9053, 6.8014
YIQ	123.3070, -13.3320, -55.7640

Conversions

Conversions Part 2

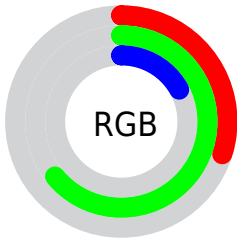
Format	Color
RYB	43, 163, 130
Decimal	5022507
CIELab	59.80, -47.74, 51.34
CIElCh	60, 70.104, 132.917
Yxy	27.9053, 0.3224, 0.5448
Android (android.graphics.Color)	4283212587 (0xFF4CA32B)
YUV	123.3070, -39.5914, -41.4882
Hunter-Lab	52.8255, -36.6438, 29.3441

Details

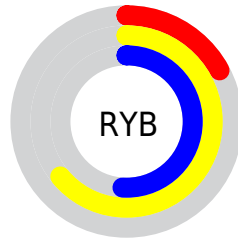
The Hex color **4CA32B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **822BA3**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **85DB60**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **40A31B**, and if you desaturate by 10%, it is **58A33B**.

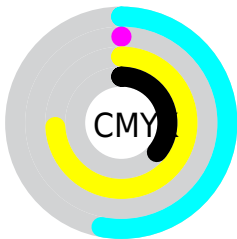
Distribution



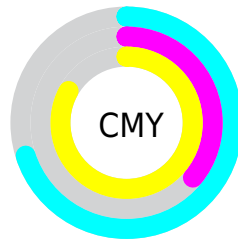
- Red (30%)
- Green (64%)
- Blue (17%)



- Red (17%)
- Yellow (64%)
- Blue (51%)



- Cyan (53%)
- Magenta (0%)
- Yellow (74%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA32B 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 4CA32B by changing the saturation by 10% instead.



4CA32B



4CA32B

FFFFFF



2D8809



85DB60



006E00



A1F87B



005500



BEFF96



003D00



DBFFB2



002700



F9FFCE



000000



FFFFEB



4CA32B



4CA32B



40A31B



58A33B

 34A30A

 64A34C

 2DA300

 6FA35C

 7BA36C

 87A37D

 93A38D

 9FA39D

 ABA3AD

 B6A3BE

Harmonies

Analogous

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



949600



4CA32B



00AA69

Triad

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



4CA32B



00A1FF



FE4F78

Complementary

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



4CA32B



822BA3

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.



EC56B6



4CA32B



2C8EFF

Square

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



4CA32B



00AAE3



B473EB



EF643E

Rectangle

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



4CA32B



00AC95



B473EB



FC4D8D

Sweetspot

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



4CA32B



B2D4A5



A3812B



576B4F



EBEBEB



6B6B6B

Same Dimension

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



4CA32B



4DD419



2BA345



4C5249



289100



051200

Inverse Universe

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



822BA3



A019D4



A32B89



4F4952



690091



0D0012

Previews

White Background



This preview shows how the Hex color 4CA32B looks on a white background.

Color Contrast Check

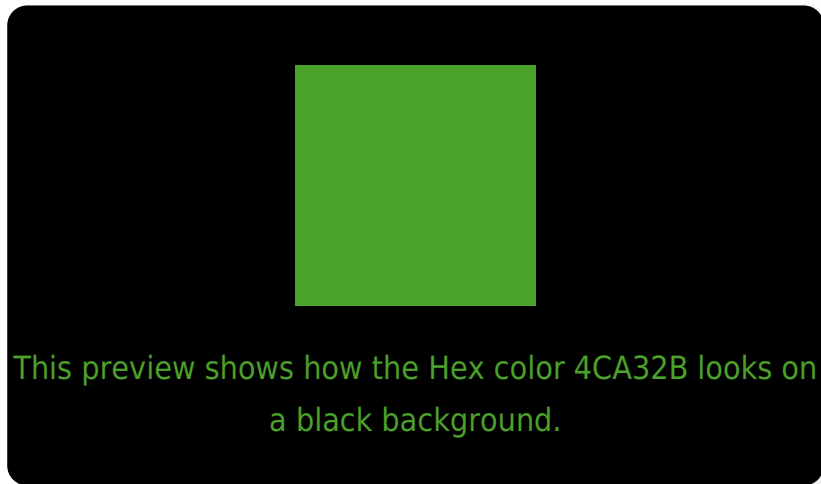
Large Text (above 18pt) WCAG AA ✓ Pass

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

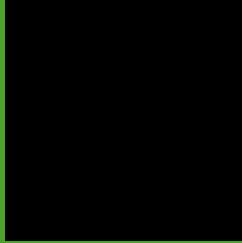
Any Text WCAG AA ✓ Pass

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 4CA32B Background



This preview shows how black text looks on a background with the Hex color 4CA32B.



This preview shows how white text looks on a background with the Hex color 4CA32B.

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
4CA32B

Protanopia
A18F26

Deuteranopia
B28836



Tritanopia
6298A4

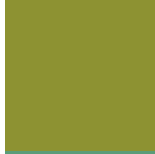
Trichromacy



Original Color
4CA32B



Protanomaly
829628



Deuteranomaly
8D9232



Tritanomaly
5A9C78

Monochromacy



Original Color
4CA32B



Achromatopsia
7B7B7B



Achromatomaly
6A8A5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA32B 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 #4CA32B looks like.

```
.text, #text, p{  
    color:#4CA32B  
}
```

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 #4CA32B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA32B
}
```

Border

The CSS property to change the border of an element to Hex 4CA32B 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
#4CA32B }
```

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

```
.border{ border-color:#4CA32B }
```

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

Here you see how a box with a 4 pixel #4CA32B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA32B; -webkit-box-shadow:4px 4px  
4px 4px #4CA32B; box-shadow:4px 4px 4px  
4px #4CA32B }
```

Background

The CSS property to change the background color of an element to Hex 4CA32B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA32B }
```

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

```
.background{ background-color:#4CA32B }
```

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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