

Converting Colors

Hex(49AA30)

Have a look what the booklet for
Hex(49AA30) contains.

Hex(49AA30)	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(49AA30)

Conversions

Conversions Part 1

Format	Color
Hex	49AA30
RGB	73, 170, 48
RGB Percent	29%, 67%, 19%
CMY	0.7137, 0.3333, 0.8118
CMYK	0.57, 0.00, 0.72, 0.33
HSL	108°, 56%, 43%
HSV	108°, 72%, 67%
XYZ	17.6559, 30.3793, 7.7295
YIQ	127.0890, -18.6500, -58.5060

Conversions

Conversions Part 2

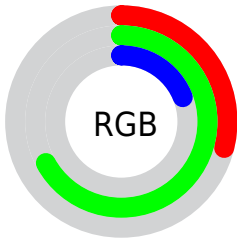
Format	Color
RYB	48, 170, 145
Decimal	4827696
CIELab	61.98, -50.83, 51.64
CIElCh	62, 72.458, 134.550
Yxy	30.3793, 0.3166, 0.5448
Android (android.graphics.Color)	4283017776 (0xFF49AA30)
YUV	127.0890, -38.9909, -47.4361
Hunter-Lab	55.1174, -39.2762, 30.2675

Details


The Hex color **49AA30** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **9130AA**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **83E265**, and **007500** is the 20% darker color. If you saturate the color by 10%, you get **3BAA1F**, and if you desaturate by 10%, it is **57AA41**.

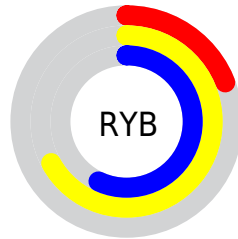
Distribution



 Red (29%)

 Green (67%)

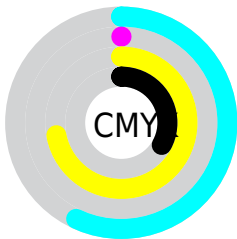
 Blue (19%)




 Red (19%)

 Yellow (67%)

 Blue (57%)

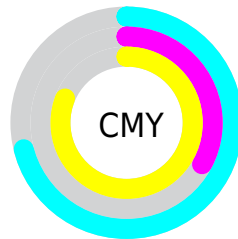


 Cyan (57%)


 Magenta (0%)

 Yellow (72%)

 Black (33%)



 Cyan (71%)

 Magenta (33%)

 Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49AA30 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 49AA30 by changing the saturation by 10% instead.

 49AA30

 49AA30

FFFFFF

 288F11

 83E265

 007500

 A0FF80

 005B00

 BDFF9B

 004200

 DAFFB7

 002D00

 F8FFD3

 000D00

 FFFFF0

 000000

 49AA30

 49AA30

 3BAA1F

 57AA41

■ 2EAA0E

■ 64AA52

■ 23AA00

■ 72AA63

■ 7FAA74

■ 8DAA85

■ 9AAA96

■ A8AAA7

■ B5AAB8

■ C3AAC9

Harmonies

Analogous

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



969C00



49AA30



00B171

Triad

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



49AA30



00A6FF



FF5279

Complementary

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



49AA30



9130AA

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.



F858BA



49AA30



3E93FF

Square

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



49AA30



00B0EF



BF75F2



F76A3D

Rectangle

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



49AA30



00B39E



BF75F2



FF508F

Sweetspot

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



49AA30



B7DEAD



AA9030



597053



F0F0F0



707070

Same Dimension

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



49AA30



46DE1F



30AA53



4D544C



1E9400



041400

Inverse Universe

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



9130AA



B71FDE



AA3087



524C54



760094



100014

Previews

White Background



This preview shows how the Hex color 49AA30 looks on a white background.

Color Contrast Check

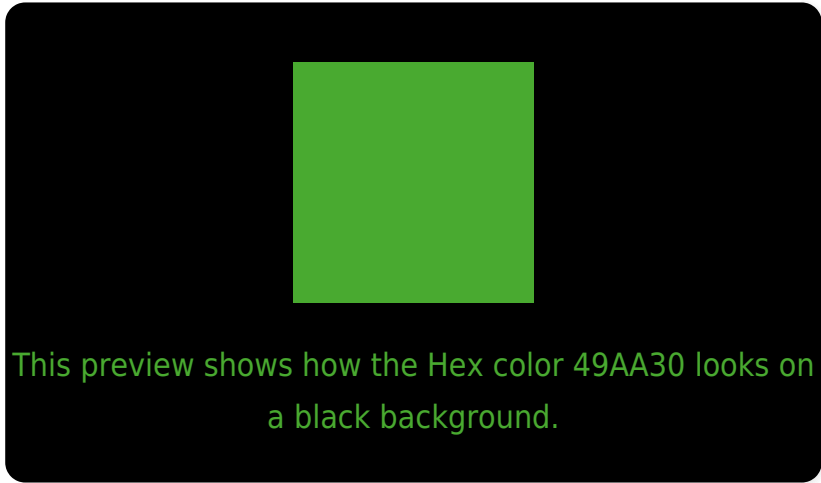
Large Text (above 18pt) WCAG AA × Fail

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

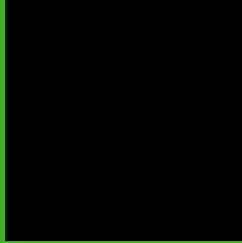
Any Text WCAG AA ✓ Pass

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 49AA30 Background



This preview shows how black text looks on a background with the Hex color 49AA30.

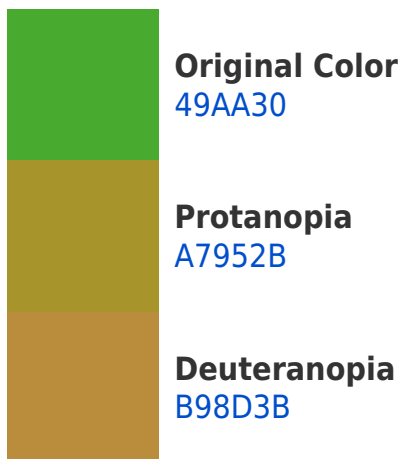


This preview shows how white text looks on a background with the Hex color 49AA30.

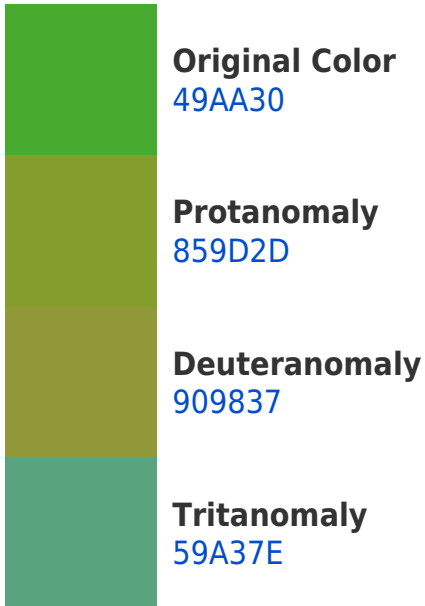
Color Blindness Simulation

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](#).

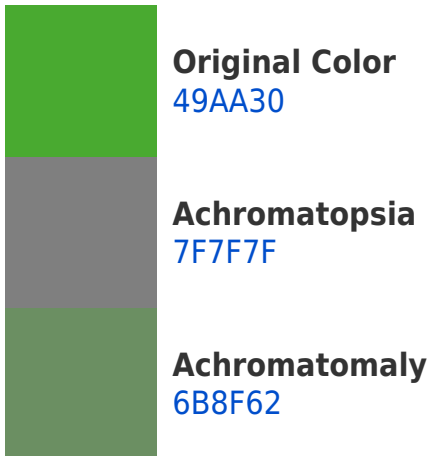
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49AA30 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 #49AA30 looks like.

```
.text, #text, p{  
    color:#49AA30  
}
```

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 #49AA30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49AA30
}
```

Border

The CSS property to change the border of an element to Hex 49AA30 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
#49AA30 }
```

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

```
.border{ border-color:#49AA30 }
```

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

Here you see how a box with a 4 pixel #49AA30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49AA30; -webkit-box-shadow:4px 4px  
4px 4px #49AA30; box-shadow:4px 4px 4px  
4px #49AA30 }
```

Background

The CSS property to change the background color of an element to Hex 49AA30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49AA30 }
```

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

```
.background{ background-color:#49AA30 }
```

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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