

Converting Colors

Hex(49BC22)

Have a look what the booklet for
Hex(49BC22) contains.

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Color

Hex(49BC22)

Conversions

Conversions Part 1

Format	Color
Hex	49BC22
RGB	73, 188, 34
RGB Percent	29%, 74%, 13%
CMY	0.7137, 0.2627, 0.8667
CMYK	0.61, 0.00, 0.82, 0.26
HSL	105°, 69%, 44%
HSV	105°, 82%, 74%
XYZ	21.0196, 37.4984, 7.6434
YIQ	136.0590, -19.1060, -72.2740

Conversions

Conversions Part 2

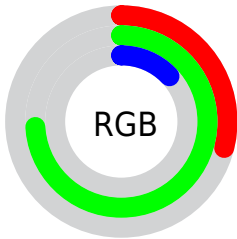
Format	Color
R_{YB}	34, 188, 149
Decimal	4832290
CIE _{Lab}	67.65, -58.19, 61.72
CIE _{LCh}	68, 84.827, 133.315
Yxy	37.4984, 0.3177, 0.5668
Android (android.graphics.Color)	4283022370 (0xFF49BC22)
YUV	136.0590, -50.3151, -55.3027
Hunter-Lab	61.2359, -45.8917, 35.4646

Details

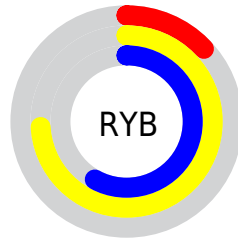
The Hex color **49BC22** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9522BC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **87F55D**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **3BBC0F**, and if you desaturate by 10%, it is **57BC35**.

Distribution



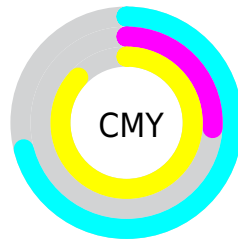
- Red (29%)
- Green (74%)
- Blue (13%)



- Red (13%)
- Yellow (74%)
- Blue (58%)



- Cyan (61%)
- Magenta (0%)
- Yellow (82%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49BC22 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 49BC22 by changing the saturation by 10% instead.

 49BC22

 49BC22

FFFFFF

 23A000

 87F55D

 008500

 A4FF79

 006B00

 C2FF94

 005200

 E0FFB1

 003900

 FEFFCD

 002200

 FFFFEA

 000000

 49BC22

 49BC22

 3BBC0F

 57BC35

 30BC00

 65BC48

 73BC5A

 81BC6D

 8FBC80

 9DBC93

 ABBCA6

 B9BCB8

 C7BCCB

Harmonies

Analogous

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



A7AC00



49BC22



00C476

Triad

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



49BC22



00BAFF



FF4D86

Complementary

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



49BC22



9522BC

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.



FF57D3



49BC22



00A3FF

Square

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



49BC22



00C4FF



D17FFF



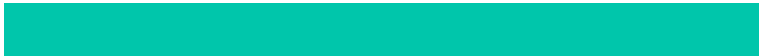
FF6D3D

Rectangle

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



49BC22



00C6AB



D17FFF



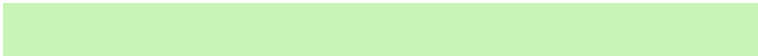
FF4AA0

Sweetspot

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



49BC22



C7F5B8



BC9322



5F7A56



FAFAFA



7A7A7A

Same Dimension

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



49BC22



42F505



22BC46



575E55



289E00



081F00

Inverse Universe

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



9522BC



B805F5



BC2298



5C555E



76009E



17001F

Previews

White Background



This preview shows how the Hex color 49BC22 looks on a white background.

Color Contrast Check

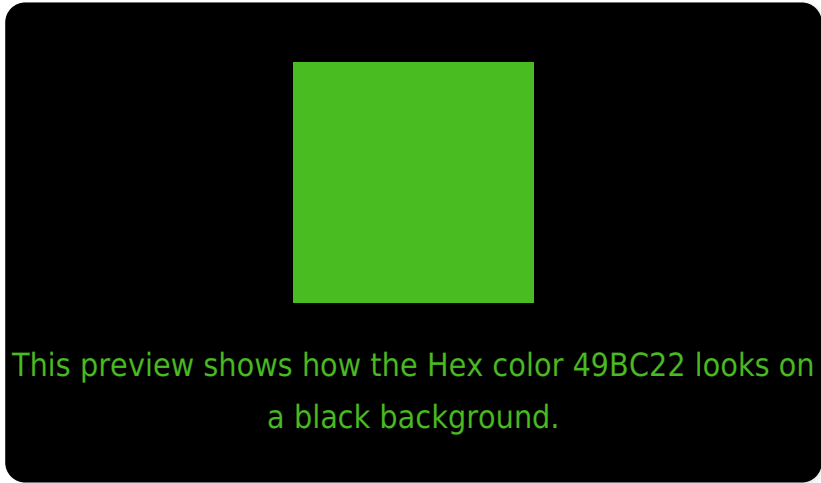
Large Text (above 18pt) WCAG AA × Fail

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 49BC22 Background



This preview shows how black text looks on a background with the Hex color 49BC22.



This preview shows how white text looks on a background with the Hex color 49BC22.

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](#).

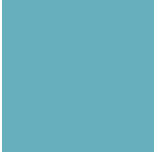
Dichromacy



Original Color
49BC22

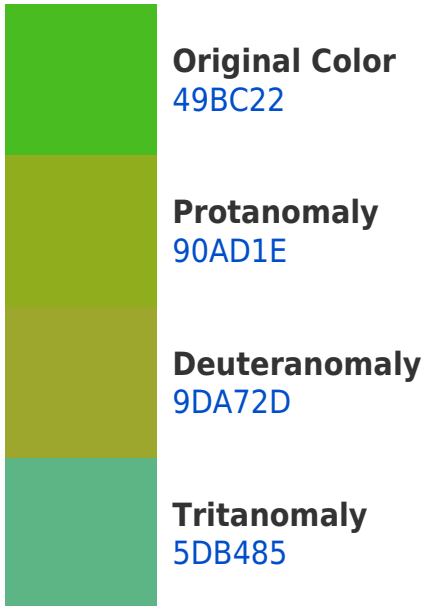
Protanopia
B8A41C

Deuteranopia
CD9B33



Tritanopia
68AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49BC22 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 #49BC22 looks like.

```
.text, #text, p{  
    color:#49BC22  
}
```

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 #49BC22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49BC22
}
```

Border

The CSS property to change the border of an element to Hex 49BC22 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
#49BC22 }
```

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

```
.border{ border-color:#49BC22 }
```

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

Here you see how a box with a 4 pixel #49BC22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49BC22; -webkit-box-shadow:4px 4px  
4px 4px #49BC22; box-shadow:4px 4px 4px  
4px #49BC22 }
```

Background

The CSS property to change the background color of an element to Hex 49BC22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49BC22 }
```

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

```
.background{ background-color:#49BC22 }
```

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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