

Converting Colors

Hex(49BB14)

Have a look what the booklet for
Hex(49BB14) contains.

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Color

Hex(49BB14)

Conversions

Conversions Part 1

Format	Color
Hex	49BB14
RGB	73, 187, 20
RGB Percent	29%, 73%, 8%
CMY	0.7137, 0.2667, 0.9216
CMYK	0.61, 0.00, 0.89, 0.27
HSL	101°, 81%, 41%
HSV	101°, 89%, 73%
XYZ	20.6442, 37.0076, 6.7169
YIQ	133.8760, -14.3370, -76.1050

Conversions

Conversions Part 2

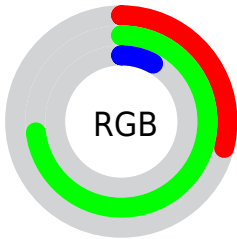
Format	Color
RYB	20, 187, 134
Decimal	4832020
CIELab	67.28, -58.42, 64.57
CIELCh	67, 87.074, 132.141
Yxy	37.0076, 0.3207, 0.5749
Android (android.graphics.Color)	4283022100 (0xFF49BB14)
YUV	133.8760, -56.1409, -53.3883
Hunter-Lab	60.8339, -45.8846, 36.0372

Details

The Hex color **49BB14** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8614BB**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **87F455**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **3CBB01**, and if you desaturate by 10%, it is **56BB27**.

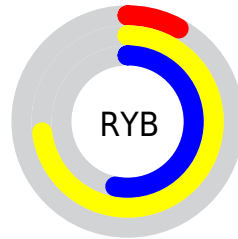
Distribution



Red (29%)

Green (73%)

Blue (8%)



Red (8%)

Yellow (73%)

Blue (53%)

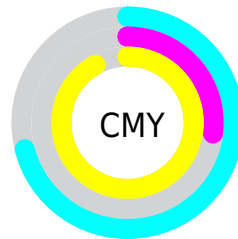


Cyan (61%)

Magenta (0%)

Yellow (89%)

Black (27%)



Cyan (71%)

Magenta (27%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49BB14 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 49BB14 by changing the saturation by 10% instead.



49BB14



49BB14

FFFFFF



239F00



87F455



008400



A5FF71



006A00



C2FF8D



005100



E0FFA9



003900



FFFFC6



002100



FFFFE3



000000



49BB14



49BB14



3CBB01



56BB27

 3BBB00

 63BB39

 6FBB4C

 7CBB5F

 89BB72

 96BB84

 A2BB97

 AFBBA

 BCBBBC

Harmonies

Analogous

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



A8AA00



49BB14



00C370

Triad

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



49BB14



00BAFF



FF4588

Complementary

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



49BB14



8614BB

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.



FF53D6



49BB14



00A3FF

Square

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



49BB14



00C4FF



CD7EFF



FF683C

Rectangle

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



49BB14



00C6A7



CD7EFF



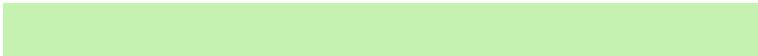
FF43A2

Sweetspot

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



49BB14



C6F2B1



BB8314



607A53



FAFAFA



7A7A7A

Same Dimension

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



49BB14



4DF200



14BB30



585E55



329E00



0A1F00

Inverse Universe

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



8614BB



A500F2



BB149F



5B555E



6C009E



15001F

Previews

White Background



This preview shows how the Hex color 49BB14 looks on a white background.

Color Contrast Check

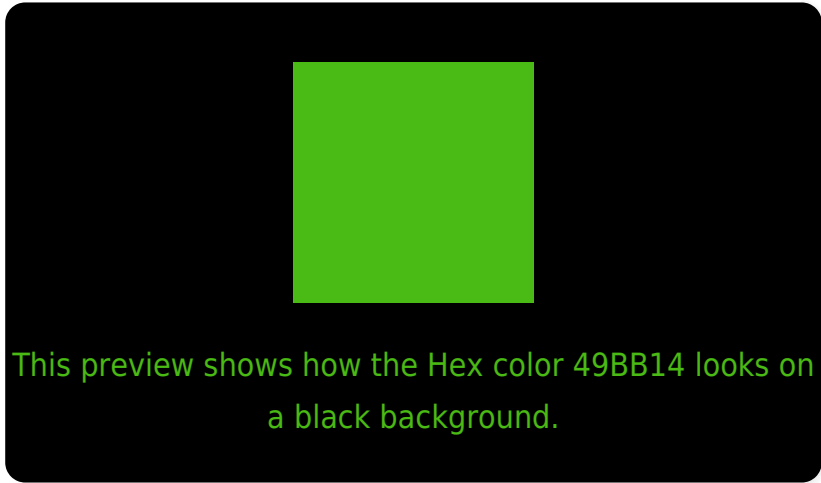
Large Text (above 18pt) WCAG AA × Fail

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 49BB14 Background



This preview shows how black text looks on a background with the Hex color 49BB14.

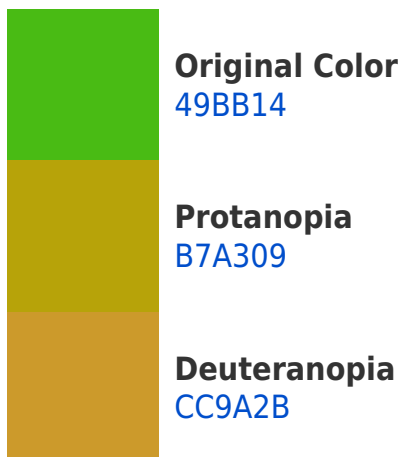


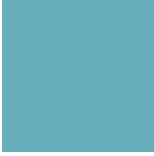
This preview shows how white text looks on a background with the Hex color 49BB14.

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](#).

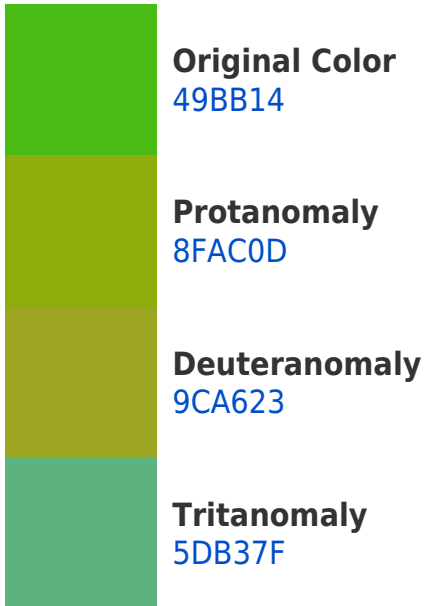
Dichromacy



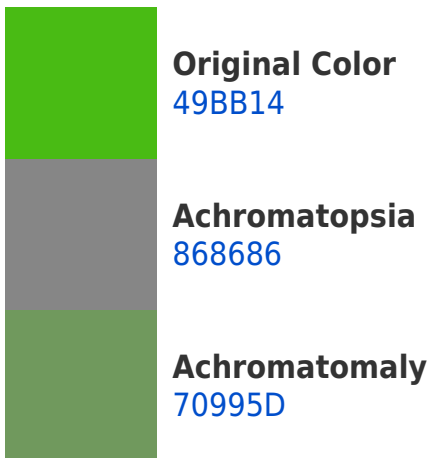


Tritanopia
68AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49BB14 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 #49BB14 looks like.

```
.text, #text, p{  
    color:#49BB14  
}
```

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 #49BB14 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49BB14
}
```

Border

The CSS property to change the border of an element to Hex 49BB14 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
#49BB14 }
```

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

```
.border{ border-color:#49BB14 }
```

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

Here you see how a box with a 4 pixel #49BB14 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49BB14; -webkit-box-shadow:4px 4px  
4px 4px #49BB14; box-shadow:4px 4px 4px  
4px #49BB14 }
```

Background

The CSS property to change the background color of an element to Hex 49BB14 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49BB14 }
```

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

```
.background{ background-color:#49BB14 }
```

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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