

Converting Colors

Hex(49FF49)

Have a look what the booklet for
Hex(49FF49) contains.

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Color

Hex(49FF49)

Conversions

Conversions Part 1

Format	Color
Hex	49FF49
RGB	73, 255, 73
RGB Percent	29%, 100%, 29%
CMY	0.7137, 0.0000, 0.7137
CMYK	0.71, 0.00, 0.71, 0.00
HSL	120°, 100%, 64%
HSV	120°, 71%, 100%
XYZ	39.7103, 73.4175, 18.3814
YIQ	179.8340, -50.0500, -95.1860

Conversions

Conversions Part 2

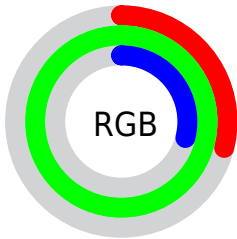
Format	Color
RYB	73, 255, 255
Decimal	4849481
CIELab	88.65, -77.27, 69.89
CIELCh	89, 104.192, 137.873
Yxy	73.4175, 0.3020, 0.5583
Android (android.graphics.Color)	4283039561 (0xFF49FF49)
YUV	179.8340, -52.6692, -93.6934
Hunter-Lab	85.6840, -67.2212, 47.2596

Details

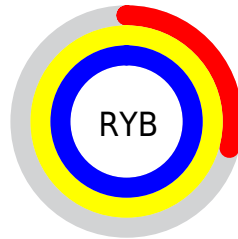
The Hex color **49FF49** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FF49FF**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **91FF83**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **30FF30**, and if you desaturate by 10%, it is **62FF62**.

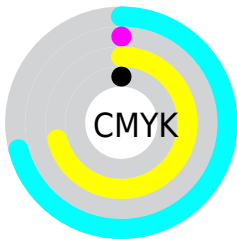
Distribution



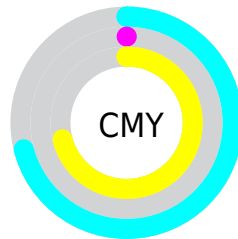
- Red (29%)
- Green (100%)
- Blue (29%)



- Red (29%)
- Yellow (100%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49FF49 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 49FF49 by changing the saturation by 10% instead.

 49FF49

FFFFFF

 91FF83

 B2FFA0

 D2FFBC

 F1FFDA

 FFFFF7

 49FF49

 03E228

 00C500

 00A800

 008D00

 007200

 005700

 003F00

 002400

 000000

 49FF49

 49FF49

 30FF30

 62FF62

 16FF16

 7CFF7C

 00FF00

 95FF95

 AFFFFA

 C9FFC9

 E2FFE2

 FBFFF

FFFFFF

Harmonies

Analogous

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



D3EC00



49FF49



00FFB1

Triad

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



49FF49



00F6FF



FF72A8

Complementary

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



49FF49



FF49FF

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.



FF75FF



49FF49



71D6FF

Square

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



49FF49



00FFFF



FFA6FF



FF9E4A

Rectangle

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



49FF49



00FFF7



FFA6FF



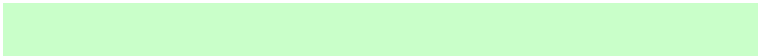
FF6CC9

Sweetspot

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



49FF49



C9FFC9



FFFF49



608060



000000



808080

Same Dimension

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



49FF49



24FF24



49FFA4



738073



00BF00



004000

Inverse Universe

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



FF49FF



FF24FF



FF49A4



807380



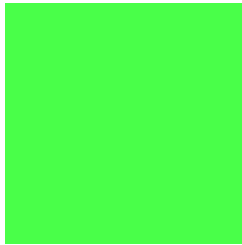
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 49FF49 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



This preview shows how the Hex color 49FF49 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

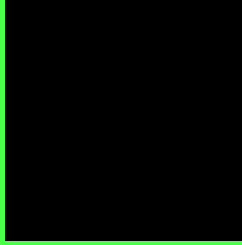
Any Text WCAG AA ✓ Pass

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 49FF49 Background



This preview shows how black text looks on a background with the Hex color 49FF49.

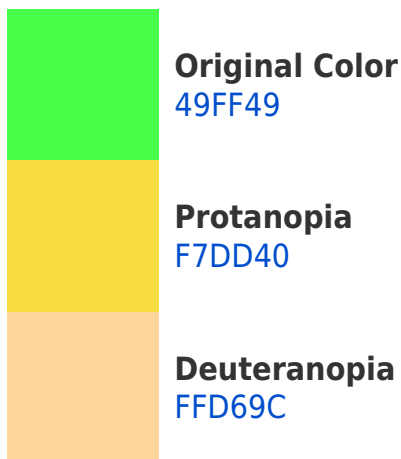


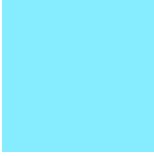
This preview shows how white text looks on a background with the Hex color 49FF49.

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](#).

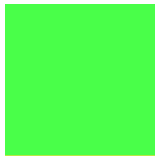
Dichromacy





Tritanopia
85EDFF

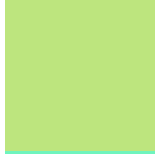
Trichromacy



Original Color
49FF49



Protanomaly
B8E943

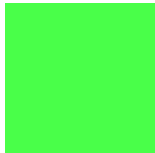


Deuteranomaly
BDE57E



Tritanomaly
6FF4BD

Monochromacy



Original Color
49FF49



Achromatopsia
B4B4B4



Achromatomaly
8DCF8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 49FF49 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 #49FF49 looks like.

```
.text, #text, p{  
    color:#49FF49  
}
```

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 #49FF49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49FF49
}
```

Border

The CSS property to change the border of an element to Hex 49FF49 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
#49FF49 }
```

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

```
.border{ border-color:#49FF49 }
```

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

Here you see how a box with a 4 pixel #49FF49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49FF49; -webkit-box-shadow:4px 4px  
4px 4px #49FF49; box-shadow:4px 4px 4px  
4px #49FF49 }
```

Background

The CSS property to change the background color of an element to Hex 49FF49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49FF49 }
```

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

```
.background{ background-color:#49FF49 }
```

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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