

Converting Colors

Hex(49F15F)

Have a look what the booklet for
Hex(49F15F) contains.

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Color

Hex(49F15F)

Conversions

Conversions Part 1

Format	Color
Hex	49F15F
RGB	73, 241, 95
RGB Percent	29%, 95%, 37%
CMY	0.7137, 0.0549, 0.6275
CMYK	0.70, 0.00, 0.61, 0.05
HSL	128°, 86%, 62%
HSV	128°, 70%, 95%
XYZ	36.2685, 65.1533, 21.4908
YIQ	174.1240, -53.2620, -81.0220

Conversions

Conversions Part 2

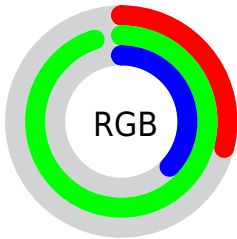
Format	Color
RYB	73, 222, 241
Decimal	4845919
CIELab	84.56, -70.80, 56.94
CIELCh	85, 90.853, 141.193
Yxy	65.1533, 0.2951, 0.5301
Android (android.graphics.Color)	4283035999 (0xFF49F15F)
YUV	174.1240, -39.0081, -88.6857
Hunter-Lab	80.7176, -61.0511, 40.7166

Details

The Hex color **49F15F** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed green. A complement of this color would be **F149DB**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **8EFF96**, and **00B726** is the 20% darker color. If you saturate the color by 10%, you get **31F14A**, and if you desaturate by 10%, it is **61F174**.

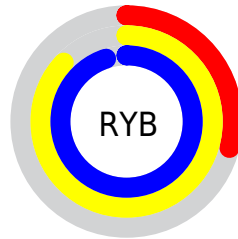
Distribution



Red (29%)

Green (95%)

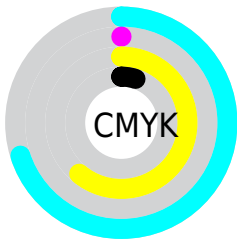
Blue (37%)



Red (29%)

Yellow (87%)

Blue (95%)

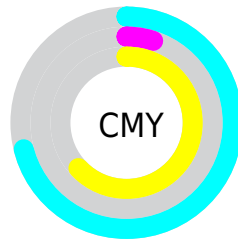


Cyan (70%)

Magenta (0%)

Yellow (61%)

Black (5%)



Cyan (71%)

Magenta (5%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49F15F 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 49F15F by changing the saturation by 10% instead.

 49F15F

 49F15F

FFFFFF

 13D444

 8EFF96

 00B726

 ADFFB2

 009C00

 CDFFCE

 008000

 ECFEB

 006600

 004C00

 003400

 001900

 000000

 49F15F

 49F15F

 31F14A

 61F174

 19F135

 79F189

 01F120

 91F19E

 00F120

 A9F1B3

 C2F1C8

 DAF1DD

 F2F1F2

 FFF1FF

Harmonies

Analogous

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



C1E100



49F15F



00F9B6

Triad

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



49F15F



00E5FF



FF7F9A

Complementary

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



49F15F



F149DB

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.



FF7DF0



49F15F



9CC7FF

Square

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



49F15F



00F5FF



FF9FFF



FFA24C

Rectangle

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



49F15F



00BF2



FF9FFF



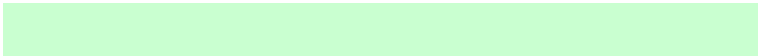
FF79B7

Sweetspot

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



49F15F



C9FFD0



DDF149



608064



000000



808080

Same Dimension

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



49F15F



29FF45



49F1B1



6C786D



00B818



003807

Inverse Universe

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



F149DB



FF29E3



F14989



786C76



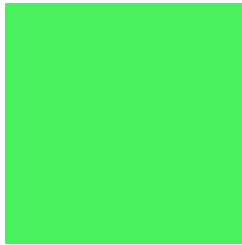
B800A0



380031

Previews

White Background



This preview shows how the Hex color 49F15F 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 49F15F 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 49F15F Background



This preview shows how black text looks on a background with the Hex color 49F15F.

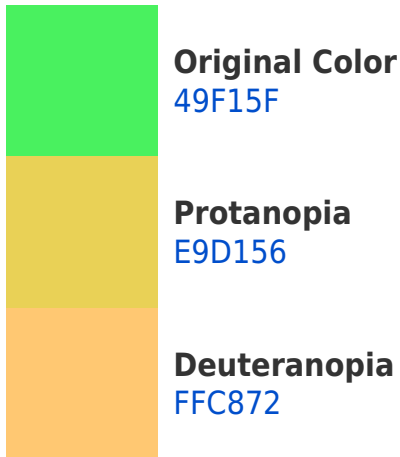


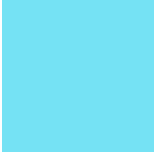
This preview shows how white text looks on a background with the Hex color 49F15F.

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



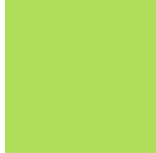


Tritanopia
75E2F4

Trichromacy



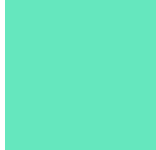
Original Color
49F15F



Protanomaly
AFDD59

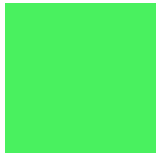


Deuteranomaly
BDD76B

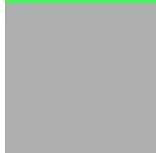


Tritanomaly
65E7BE

Monochromacy



Original Color
49F15F



Achromatopsia
AEAEAE



Achromatomaly
89C691

CSS Examples

Text

The CSS property to change the color of the text to Hex 49F15F 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 #49F15F looks like.

```
.text, #text, p{  
    color:#49F15F  
}
```

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 #49F15F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49F15F
}
```

Border

The CSS property to change the border of an element to Hex 49F15F 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
#49F15F }
```

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

```
.border{ border-color:#49F15F }
```

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

Here you see how a box with a 4 pixel #49F15F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49F15F; -webkit-box-shadow:4px 4px  
4px 4px #49F15F; box-shadow:4px 4px 4px  
4px #49F15F }
```

Background

The CSS property to change the background color of an element to Hex 49F15F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49F15F }
```

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

```
.background{ background-color:#49F15F }
```

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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