

Converting Colors

Hex(52FF19)

Have a look what the booklet for
Hex(52FF19) contains.

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Color

Hex(52FF19)

Conversions

Conversions Part 1

Format	Color
Hex	52FF19
RGB	82, 255, 25
RGB Percent	32%, 100%, 10%
CMY	0.6784, 0.0000, 0.9020
CMYK	0.68, 0.00, 0.90, 0.00
HSL	105°, 100%, 55%
HSV	105°, 90%, 100%
XYZ	39.4151, 73.3840, 13.0068
YIQ	177.0530, -29.2780, -108.2060

Conversions

Conversions Part 2

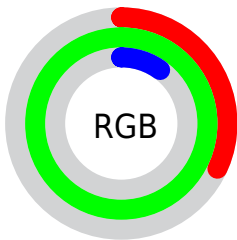
Format	Color
RYB	25, 255, 198
Decimal	5439257
CIELab	88.63, -78.13, 81.90
CIELCh	89, 113.191, 133.653
Yxy	73.3840, 0.3133, 0.5833
Android (android.graphics.Color)	4283629337 (0xFF52FF19)
YUV	177.0530, -74.9621, -83.3615
Hunter-Lab	85.6645, -67.7831, 50.9628

Details

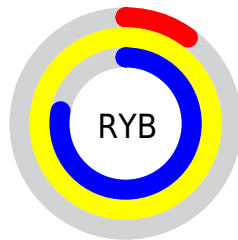
The Hex color **52FF19** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed green. A complement of this color would be **C619FF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **99FF64**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **3FFF00**, and if you desaturate by 10%, it is **65FF32**.

Distribution



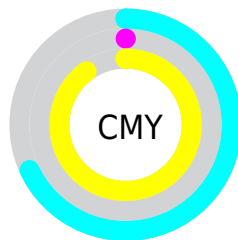
- Red (32%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (78%)



- Cyan (68%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52FF19 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 52FF19 by changing the saturation by 10% instead.

 52FF19

 52FF19

FFFFFF

 1DE200

 99FF64

 00C500

 B9FF82

 00A800

 D9FF9F

 008D00

 F9FFBD

 007200

 FFFFDB

 005700

 FFFFF9

 003F00

 002400

 000000

 52FF19

 52FF19

 3FFF00

 65FF32

 78FF4C

 8CFF65

 9FFF7F

 B2FF98

 C5FFB2

 D8FFCB

 EBFFE5

FFFFFFE

Harmonies

Analogous

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



DEE900



52FF19



00FF9D

Triad

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



52FF19



00FCFF



FF57B2

Complementary

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



52FF19



C619FF

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.



FF68FF



52FF19



00DBFF

Square

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



52FF19



00FFFF



FFA7FF



FF8D4A

Rectangle

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



52FF19



00FFE9



FFA7FF



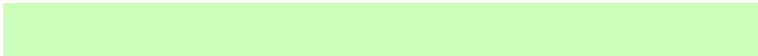
FF52D6

Sweetspot

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



52FF19



CBFFBA



FFC619



618057



000000



808080

Same Dimension

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



52FF19



3FFF00



19FF52



768073



2FBF00



104000

Inverse Universe

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



C619FF



C000FF



FF19C6



7C7380



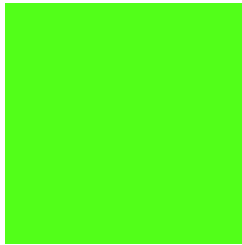
9000BF



300040

Previews

White Background



This preview shows how the Hex color 52FF19 looks on a white background.

Color Contrast Check

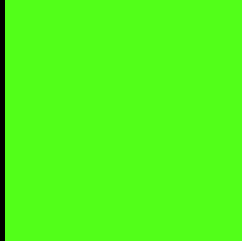
Large Text (above 18pt) WCAG AA × Fail

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 52FF19 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

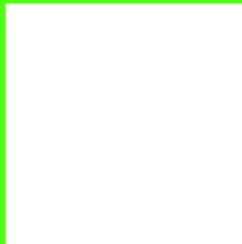
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 52FF19 Background



This preview shows how black text looks on a background with the Hex color 52FF19.

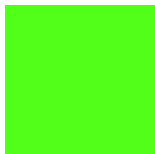


This preview shows how white text looks on a background with the Hex color 52FF19.

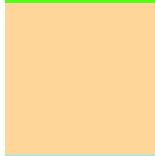
Color Blindness Simulation

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
52FF19

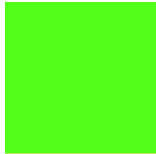


Deuteranopia
FFD699

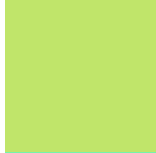


Tritanopia
88EDFF

Trichromacy



Original Color
52FF19



Deuteranomaly
C0E56A

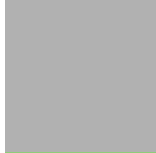


Tritanomaly
74F4AB

Monochromacy



Original Color
52FF19



Achromatopsia
B1B1B1



Achromatomaly
8ECD7A

CSS Examples

Text

The CSS property to change the color of the text to Hex 52FF19 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 #52FF19 looks like.

```
.text, #text, p{  
    color:#52FF19  
}
```

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 #52FF19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52FF19
}
```

Border

The CSS property to change the border of an element to Hex 52FF19 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
#52FF19 }
```

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

```
.border{ border-color:#52FF19 }
```

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

Here you see how a box with a 4 pixel #52FF19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52FF19; -webkit-box-shadow:4px 4px  
4px 4px #52FF19; box-shadow:4px 4px 4px  
4px #52FF19 }
```

Background

The CSS property to change the background color of an element to Hex 52FF19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52FF19 }
```

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

```
.background{ background-color:#52FF19 }
```

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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