

Converting Colors

Hex(5FD319)

Have a look what the booklet for
Hex(5FD319) contains.

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Color

Hex(5FD319)

Conversions

Conversions Part 1

Format	Color
Hex	5FD319
RGB	95, 211, 25
RGB Percent	37%, 83%, 10%
CMY	0.6275, 0.1725, 0.9020
CMYK	0.55, 0.00, 0.88, 0.17
HSL	97°, 79%, 46%
HSV	97°, 88%, 83%
XYZ	28.1890, 49.0916, 8.9096
YIQ	155.1120, -9.4300, -82.4380

Conversions

Conversions Part 2

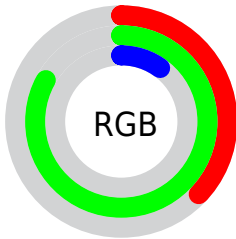
Format	Color
RYB	25, 211, 141
Decimal	6279961
CIELab	75.51, -60.99, 70.94
CIELCh	76, 93.558, 130.686
Yxy	49.0916, 0.3271, 0.5696
Android (android.graphics.Color)	4284470041 (0xFF5FD319)
YUV	155.1120, -64.1452, -52.7182
Hunter-Lab	70.0654, -50.7995, 41.5064

Details

The Hex color **5FD319** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **8D19D3**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9CFF5C**, and **089B00** is the 20% darker color. If you saturate the color by 10%, you get **52D304**, and if you desaturate by 10%, it is **6CD32E**.

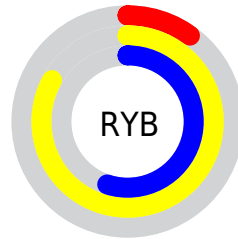
Distribution



Red (37%)

Green (83%)

Blue (10%)



Red (10%)

Yellow (83%)

Blue (55%)

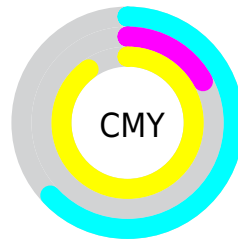


Cyan (55%)

Magenta (0%)

Yellow (88%)

Black (17%)



Cyan (63%)

Magenta (17%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD319 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 5FD319 by changing the saturation by 10% instead.

 5FD319

 5FD319

FFFFFF

 3DB700

 9CFF5C

 089B00

 BBFF79

 008000

 D9FF95

 006600

 F7FFB2

 004D00

 FFFFCF

 003500

 FFFFED

 001C00

 000000

 5FD319

 5FD319

■ 52D304

■ 6CD32E

■ 4FD300

■ 79D343

■ 86D358

■ 94D36D

■ A1D383

■ AED398

■ BBD3AD

■ C8D3C2

■ D5D3D7

Harmonies

Analogous

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



C3C000



5FD319



00DD7D

Triad

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



5FD319



00D3FF



FF549F

Complementary

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



5FD319



8D19D3

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.



FF65F5



5FD319



00BBFF

Square

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



5FD319



00DEFF



E293FF



FF774C

Rectangle

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



5FD319



00E0BA



E293FF



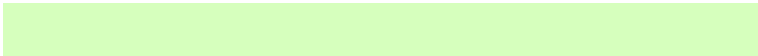
FF53BC

Sweetspot

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



5FD319



D6FFBD



D38C19



678058



000000



808080

Same Dimension

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



5FD319



60FF00



19D32F



62695E



3FA800



0F2900

Inverse Universe

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



8D19D3



9F00FF



D319BD



655E69



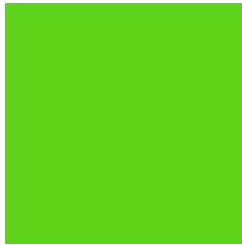
6900A8



190029

Previews

White Background



This preview shows how the Hex color 5FD319 looks on a white background.

Color Contrast Check

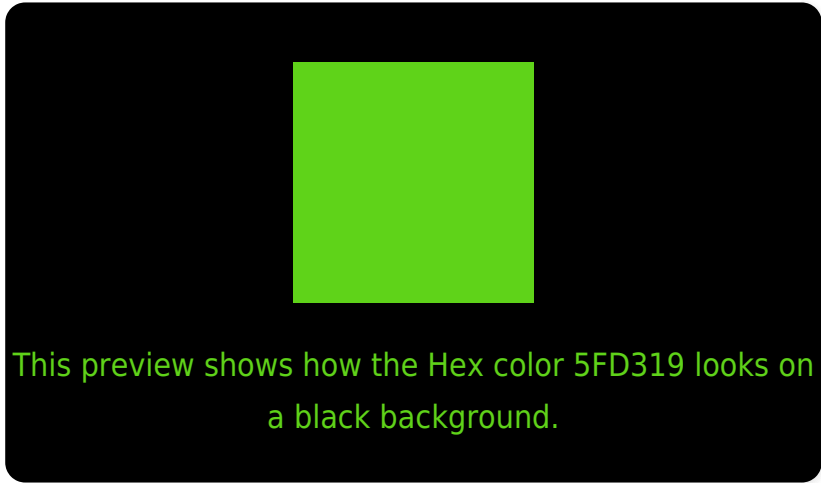
Large Text (above 18pt) WCAG AA × Fail

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 5FD319 Background



This preview shows how black text looks on a background with the Hex color 5FD319.

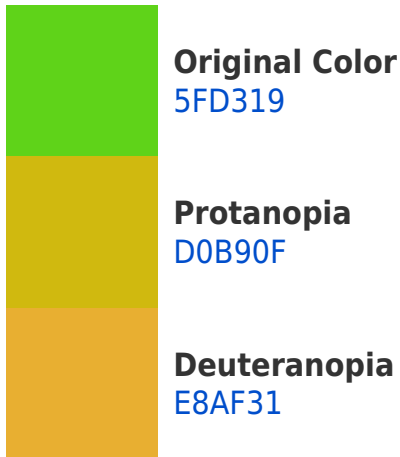


This preview shows how white text looks on a background with the Hex color 5FD319.

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
7EC4D4

Trichromacy



Original Color
5FD319



Protanomaly
A7C213



Deuteranomaly
B6BC28



Tritanomaly
73C990

Monochromacy



Original Color
5FD319



Achromatopsia
9B9B9B



Achromatomaly
85AF6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD319 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 #5FD319 looks like.

```
.text, #text, p{  
    color:#5FD319  
}
```

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 #5FD319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD319
}
```

Border

The CSS property to change the border of an element to Hex 5FD319 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
#5FD319 }
```

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

```
.border{ border-color:#5FD319 }
```

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

Here you see how a box with a 4 pixel #5FD319 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD319; -webkit-box-shadow:4px 4px  
4px 4px #5FD319; box-shadow:4px 4px 4px  
4px #5FD319 }
```

Background

The CSS property to change the background color of an element to Hex 5FD319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD319 }
```

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

```
.background{ background-color:#5FD319 }
```

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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