

Converting Colors

Hex(51F306)

Have a look what the booklet for
Hex(51F306) contains.

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Color

Hex(51F306)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 51F306 |
| RGB | 81, 243, 6 |
| RGB Percent | 32%, 95%, 2% |
| CMY | 0.6824, 0.0471, 0.9765 |
| CMYK | 0.67, 0.00, 0.98, 0.05 |
| HSL | 101°, 95%, 49% |
| HSV | 101°, 98%, 95% |
| XYZ | 35.4768, 65.8637, 11.0154 |
| YIQ | 167.5440, -20.4750, -108.0510 |

Conversions

Conversions Part 2

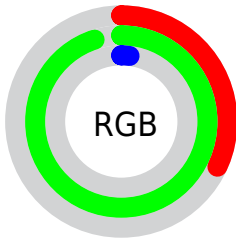
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 6, 243, 168 |
| Decimal | 5370630 |
| CIELab | 84.93, -75.03, 80.82 |
| CIELCh | 85, 110.277, 132.871 |
| Yxy | 65.8637, 0.3158, 0.5862 |
| Android (android.graphics.Color) | 4283560710 (0xFF51F306) |
| YUV | 167.5440, -79.6412, -75.8991 |
| Hunter-Lab | 81.1564, -63.9941, 48.7620 |

Details


The Hex color **51F306** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **A806F3**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **96FF5C**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **4DF300**, and if you desaturate by 10%, it is **62F31E**.

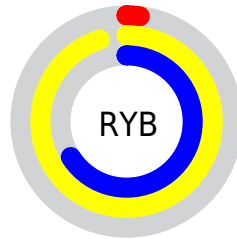
Distribution



 Red (32%)

 Green (95%)

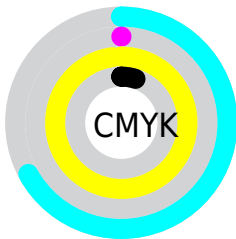
 Blue (2%)




 Red (2%)

 Yellow (95%)

 Blue (66%)

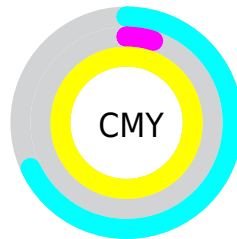


 Cyan (67%)

 Magenta (0%)

 Yellow (98%)

 Black (5%)



 Cyan (68%)

 Magenta (5%)

 Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51F306 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 51F306 by changing the saturation by 10% instead.

 51F306

FFFFFF

 96FF5C

 B6FF7A

 D6FF97

 F6FFB5

 FFFFD3

 FFFFF1

 51F306

 20D600

 00B900

 009D00

 008200

 006700

 004D00

 003500

 001A00

 000000

 51F306

 51F306

 4DF300

 62F31E

 72F337

 83F34F

 93F367

 A4F380

 B5F398

 C5F3B0

 D6F3C8

 E6F3E1

Harmonies

Analogous

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



D6DE00



51F306



00FE92

Triad

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



51F306



00F1FF



FF4FAC

Complementary

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



51F306



A806F3

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.



FF62FF



51F306



00D2FF

Square

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



51F306



00FEFF



FFA0FF



FF8447

Rectangle

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



51F306



00FFDC



FFA0FF



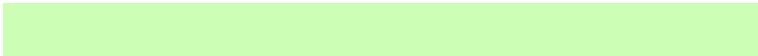
FF4ACF

Sweetspot

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



51F306



CCFFB5



F3A806



618053



000000



808080

Same Dimension

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



51F306



51FF00



06F331



727A6E



3BBA00



133B00

Inverse Universe

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



A806F3



AE00FF



F306C8



776E7A



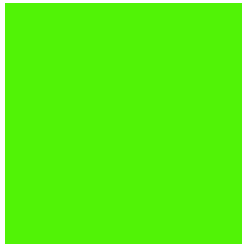
7F00BA



28003B

Previews

White Background



This preview shows how the Hex color 51F306 looks on a white background.

Color Contrast Check

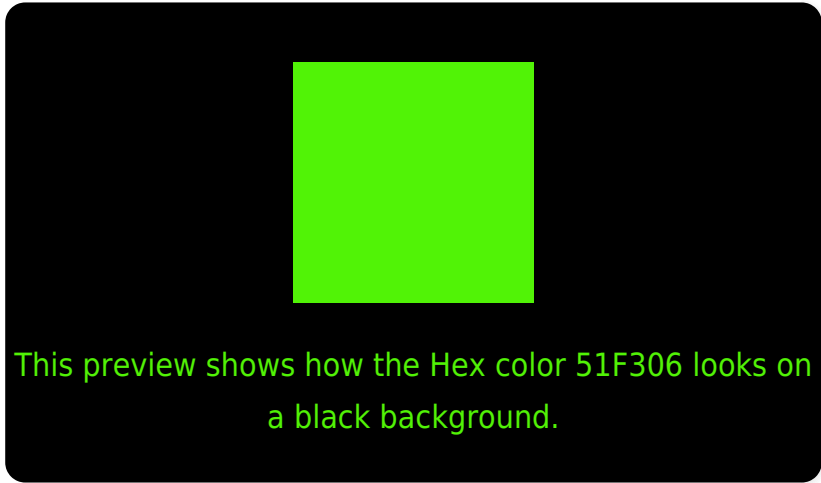
Large Text (above 18pt) WCAG AA × Fail

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

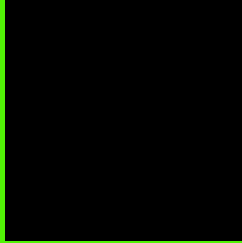
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

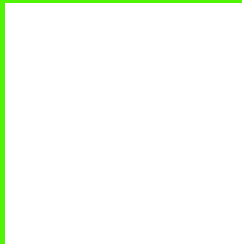
Any Text WCAG AAA ✓ Pass

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

Hex 51F306 Background



This preview shows how black text looks on a background with the Hex color 51F306.



This preview shows how white text looks on a background with the Hex color 51F306.

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](#).

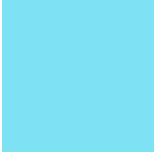
Dichromacy



Original Color
51F306

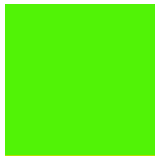
Protanopia
EED300

Deuteranopia
FFC96B



Tritanopia
7EE2F4

Trichromacy



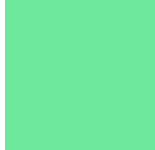
Original Color
51F306



Protanomaly
B4DF02



Deuteranomaly
C0D846

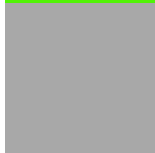


Tritanomaly
6EE89D

Monochromacy



Original Color
51F306



Achromatopsia
A8A8A8



Achromatomaly
88C36D

CSS Examples

Text

The CSS property to change the color of the text to Hex 51F306 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 #51F306 looks like.

```
.text, #text, p{  
    color:#51F306  
}
```

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 #51F306 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F306
}
```

Border

The CSS property to change the border of an element to Hex 51F306 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
#51F306 }
```

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

```
.border{ border-color:#51F306 }
```

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

Here you see how a box with a 4 pixel #51F306 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F306; -webkit-box-shadow:4px 4px  
4px 4px #51F306; box-shadow:4px 4px 4px  
4px #51F306 }
```

Background

The CSS property to change the background color of an element to Hex 51F306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F306 }
```

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

```
.background{ background-color:#51F306 }
```

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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