

# Converting Colors

Hex(51F63A)

Have a look what the booklet for  
Hex(51F63A) contains.

<b>Hex(51F63A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(51F63A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51F63A
RGB	81, 246, 58
RGB Percent	32%, 96%, 23%
CMY	0.6824, 0.0353, 0.7725
CMYK	0.67, 0.00, 0.76, 0.04
HSL	113°, 91%, 60%
HSV	113°, 76%, 96%
XYZ	37.1128, 67.9664, 15.1658
YIQ	175.2330, -37.9920, -93.4480

# Conversions

## Conversions Part 2

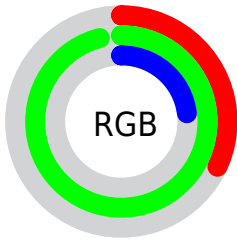
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 246, 223
Decimal	5371450
CIELab	85.99, -74.16, 72.17
CIELCh	86, 103.479, 135.777
Yxy	67.9664, 0.3086, 0.5652
Android (android.graphics.Color)	4283561530 (0xFF51F63A)
YUV	175.2330, -57.7959, -82.6423
Hunter-Lab	82.4417, -63.9176, 46.8024

# Details

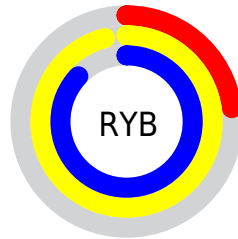
The Hex color **51F63A** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **DF3AF6**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **96FF76**, and **00BC00** is the 20% darker color. If you saturate the color by 10%, you get **3BF621**, and if you desaturate by 10%, it is **67F653**.

# Distribution



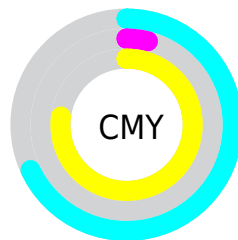
- Red (32%)
- Green (96%)
- Blue (23%)



- Red (23%)
- Yellow (96%)
- Blue (87%)



- Cyan (67%)
- Magenta (0%)
- Yellow (76%)
- Black (4%)



- Cyan (68%)
- Magenta (4%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51F63A 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 51F63A by changing the saturation by 10% instead.



 51F63A

 51F63A

FFFFFF

 21D910

 96FF76

 00BC00

 B6FF93

 00A000

 D5FFB0

 008500

 F5FFCD

 006A00

 FFFFEA

 005000

 003800

 001D00

 000000

 51F63A

 51F63A

 3BF621

 67F653

 26F609

 7CF66B

 1EF600

 92F684

 A7F69C

 BDF6B5

 D3F6CE

 E8F6E6

 FEF6FF

 FFF6FF

# Harmonies

## Analogous

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



D2E200



51F63A



00FFA3

# Triad

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



51F63A



00FFFF



FF68A8

# Complementary

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



51F63A



DF3AF6

# 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.



FF70FF



51F63A



45D1FF

# Square

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



51F63A



00FFFF



FFA2FF



FF934A

# Rectangle

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



51F63A



00FFE8



FFA2FF



FF63C8

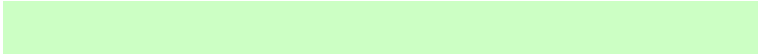


# Sweetspot

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



51F63A



CCFFC4



F6DD3A



60805C



000000



808080



# Same Dimension

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



51F63A



31FF14



3AF67F



707A6E



17BA00



073B00



# Inverse Universe

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



DF3AF6



E214FF



F63AB1



796E7A



A300BA

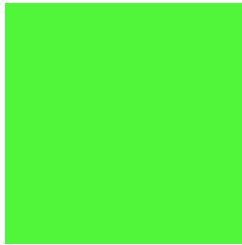


33003B



# Previews

## White Background



This preview shows how the Hex color 51F63A 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 51F63A 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

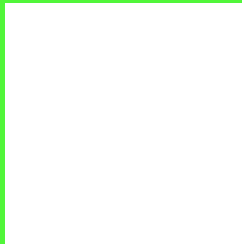
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 51F63A Background



This preview shows how black text looks on a background with the Hex color 51F63A.

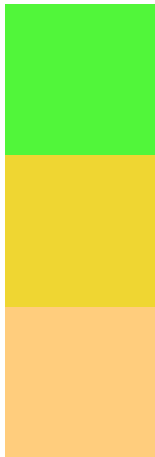


This preview shows how white text looks on a background with the Hex color 51F63A.

# 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**  
51F63A

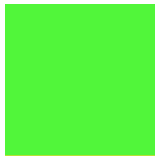
**Protanopia**  
EFD632

**Deuteranopia**  
FFCD7D



**Tritanopia**  
7EE5F8

# Trichromacy



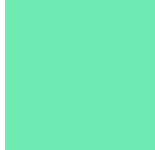
**Original Color**  
51F63A



**Protanomaly**  
B6E235

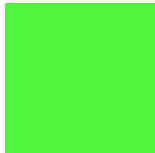


**Deuteranomaly**  
C0DC65



**Tritanomaly**  
6EEBB3

# Monochromacy



**Original Color**  
51F63A



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
8DC984

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51F63A 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 #51F63A looks like.

```
.text, #text, p{  
    color:#51F63A  
}
```

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 #51F63A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F63A
}
```

## Border

The CSS property to change the border of an element to Hex 51F63A 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
#51F63A }
```

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

```
.border{ border-color:#51F63A }
```

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

Here you see how a box with a 4 pixel #51F63A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F63A; -webkit-box-shadow:4px 4px  
4px 4px #51F63A; box-shadow:4px 4px 4px  
4px #51F63A }
```

# Background

The CSS property to change the background color of an element to Hex 51F63A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F63A }
```

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

```
.background{ background-color:#51F63A }
```

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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