

Converting Colors

Hex(31F53F)

Have a look what the booklet for
Hex(31F53F) contains.

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Color

Hex(31F53F)

Conversions

Conversions Part 1

Format	Color
Hex	31F53F
RGB	49, 245, 63
RGB Percent	19%, 96%, 25%
CMY	0.8078, 0.0392, 0.7529
CMYK	0.80, 0.00, 0.74, 0.04
HSL	124°, 91%, 58%
HSV	124°, 80%, 96%
XYZ	34.8162, 66.3167, 15.6680
YIQ	165.6480, -58.3940, -98.1540

Conversions

Conversions Part 2

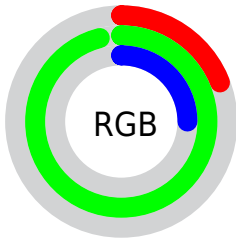
Format	Color
RYB	49, 232, 245
Decimal	3274047
CIELab	85.16, -78.27, 69.60
CIELCh	85, 104.743, 138.354
Yxy	66.3167, 0.2981, 0.5678
Android (android.graphics.Color)	4281464127 (0xFF31F53F)
YUV	165.6480, -50.6055, -102.3003
Hunter-Lab	81.4350, -66.1965, 45.5972

Details

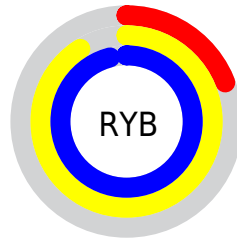
The Hex color **31F53F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **F531E7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **81FF7A**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **18F528**, and if you desaturate by 10%, it is **4AF556**.

Distribution



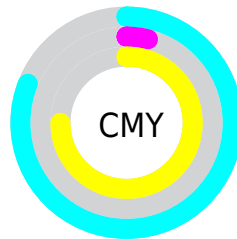
- Red (19%)
- Green (96%)
- Blue (25%)



- Red (19%)
- Yellow (91%)
- Blue (96%)



- Cyan (80%)
- Magenta (0%)
- Yellow (74%)
- Black (4%)



- Cyan (81%)
- Magenta (4%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31F53F 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 31F53F by changing the saturation by 10% instead.

 31F53F

 31F53F

FFFFFF

 00D81B

 81FF7A

 00BB00

 A3FF96

 009F00

 C3FFB3

 008300

 E3FFD0

 006800

 FFFFEE

 004E00

 003600

 001B00

 000000

 31F53F

 31F53F

 18F528

 4AF556

 00F511

 62F56C

 7BF583

 93F59A

 ABF5B1

 C4F5C8

 DDF5DE

 F5F5F5

 FFF5FF

Harmonies

Analogous

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



C6E200



31F53F



00FEA9

Triad

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



31F53F



00ECFF



FF659D

Complementary

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



31F53F



F531E7

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.



FF67FF



31F53F



65CBFF

Square

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



31F53F



00FCFF



FF9AFF



FF943D

Rectangle

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



31F53F



00FFEF



FF9AFF



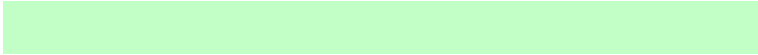
FF5DBD

Sweetspot

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



31F53F



C2FFC6



E8F531



5B805D



000000



808080

Same Dimension

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



31F53F



0AFF1C



31F5A0



6E7A6F



00BA0D



003B04

Inverse Universe

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



F531E7



FF0AEE



F53186



7A6E7A



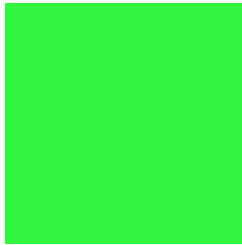
BA00AD



3B0036

Previews

White Background



This preview shows how the Hex color 31F53F 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 31F53F 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

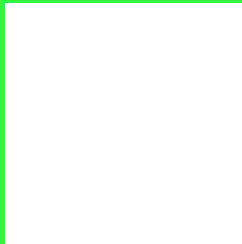
Any Text WCAG AAA ✓ Pass

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

Hex 31F53F Background



This preview shows how black text looks on a background with the Hex color 31F53F.

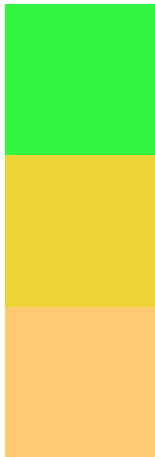


This preview shows how white text looks on a background with the Hex color 31F53F.

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](#).

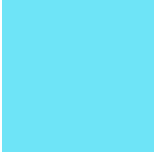
Dichromacy



Original Color
31F53F

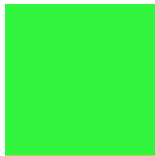
Protanopia
ECD336

Deuteranopia
FFCA72



Tritanopia
6EE4F7

Trichromacy



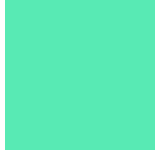
Original Color
31F53F



Protanomaly
A8DF39



Deuteranomaly
B4DA5F

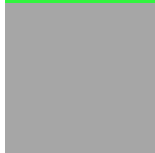


Tritanomaly
58EAB4

Monochromacy



Original Color
31F53F



Achromatopsia
A6A6A6



Achromatomaly
7BC381

CSS Examples

Text

The CSS property to change the color of the text to Hex 31F53F 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 #31F53F looks like.

```
.text, #text, p{  
    color:#31F53F  
}
```

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 #31F53F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31F53F
}
```

Border

The CSS property to change the border of an element to Hex 31F53F 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
#31F53F }
```

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

```
.border{ border-color:#31F53F }
```

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

Here you see how a box with a 4 pixel #31F53F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31F53F; -webkit-box-shadow:4px 4px  
4px 4px #31F53F; box-shadow:4px 4px 4px  
4px #31F53F }
```

Background

The CSS property to change the background color of an element to Hex 31F53F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31F53F }
```

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

```
.background{ background-color:#31F53F }
```

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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