

Converting Colors

Hex(31EF5D)

Have a look what the booklet for
Hex(31EF5D) contains.

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Color

Hex(31EF5D)

Conversions

Conversions Part 1

Format	Color
Hex	31EF5D
RGB	49, 239, 93
RGB Percent	19%, 94%, 36%
CMY	0.8078, 0.0627, 0.6353
CMYK	0.79, 0.00, 0.61, 0.06
HSL	134°, 86%, 56%
HSV	134°, 79%, 94%
XYZ	34.1089, 63.1763, 20.7524
YIQ	165.5460, -66.3740, -85.6860

Conversions

Conversions Part 2

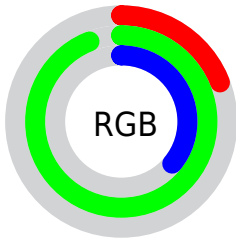
Format	Color
RYB	49, 203, 239
Decimal	3272541
CIELab	83.54, -73.72, 56.51
CIELCh	84, 92.886, 142.524
Yxy	63.1763, 0.2890, 0.5352
Android (android.graphics.Color)	4281462621 (0xFF31EF5D)
YUV	165.5460, -35.7652, -102.2108
Hunter-Lab	79.4835, -62.4961, 40.1584

Details

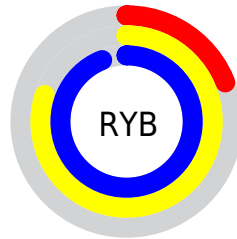
The Hex color **31EF5D** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EF31C3**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **7FFF94**, and **00B524** is the 20% darker color. If you saturate the color by 10%, you get **19EF4B**, and if you desaturate by 10%, it is **49EF6F**.

Distribution



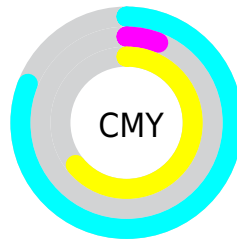
- Red (19%)
- Green (94%)
- Blue (36%)



- Red (19%)
- Yellow (80%)
- Blue (94%)



- Cyan (79%)
- Magenta (0%)
- Yellow (61%)
- Black (6%)




- Cyan (81%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31EF5D 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 31EF5D by changing the saturation by 10% instead.

 31EF5D

 31EF5D


FFFFFF

 00D242

 7FFF94

 00B524

 9FFFB0

 009900

 BFFFCC

 007E00

 DFFFE9

 006300

FEFFFF

 004A00

 003100

 001500

 000000

 31EF5D

 31EF5D

 19EF4B

 49EF6F

 01EF38

 61EF82

 00EF37

 79EF94

 91EFA6

 A9EFB9

 C0EFCB

 D8EFDE

 F0EFF0

 FFEFFF

Harmonies

Analogous

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



B9DF00



31EF5D



00F7B7

Triad

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



31EF5D



00E1FF



FF7A93

Complementary

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



31EF5D



EF31C3

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.



FF75EA



31EF5D



9EC2FF

Square

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



31EF5D



00F2FF



FF98FF



FF9F42

Rectangle

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



31EF5D



00F8F4



FF98FF



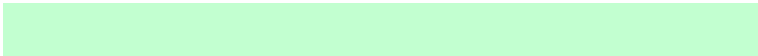
FF73AF

Sweetspot

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



31EF5D



C2FFD0



C6EF31



5B8063



000000



808080

Same Dimension

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



31EF5D



0DFF45



31EFB9



6C786F



00B82B



00380D

Inverse Universe

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



EF31C3



FF0DC7



EF3167



786C75



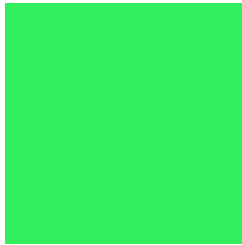
B8008D



38002B

Previews

White Background



This preview shows how the Hex color 31EF5D looks on a white background.

Color Contrast Check

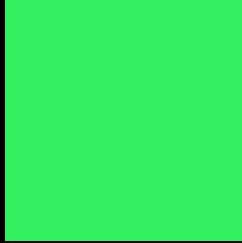
Large Text (above 18pt) WCAG AA × Fail

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 31EF5D 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

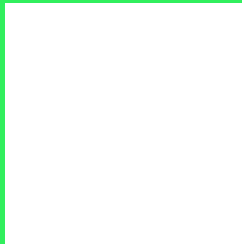
Any Text WCAG AAA ✓ Pass

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

Hex 31EF5D Background



This preview shows how black text looks on a background with the Hex color 31EF5D.

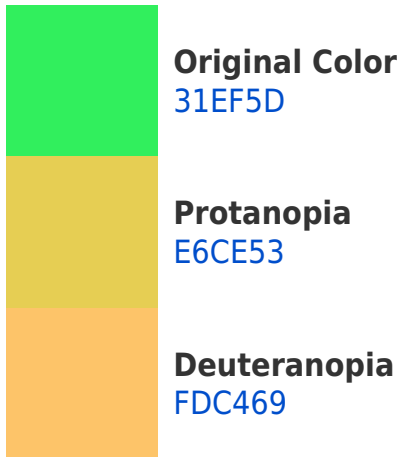


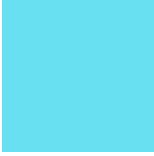
This preview shows how white text looks on a background with the Hex color 31EF5D.

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](#).

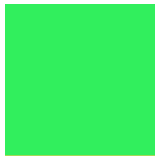
Dichromacy





Tritanopia
69E0F2

Trichromacy



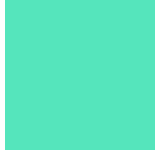
Original Color
31EF5D



Protanomaly
A4DA57



Deuteranomaly
B3D465

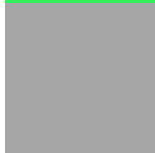


Tritanomaly
55E5BC

Monochromacy



Original Color
31EF5D



Achromatopsia
A6A6A6



Achromatomaly
7BC18B

CSS Examples

Text

The CSS property to change the color of the text to Hex 31EF5D 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 #31EF5D looks like.

```
.text, #text, p{  
    color:#31EF5D  
}
```

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 #31EF5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31EF5D
}
```

Border

The CSS property to change the border of an element to Hex 31EF5D 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
#31EF5D }
```

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

```
.border{ border-color:#31EF5D }
```

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

Here you see how a box with a 4 pixel #31EF5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31EF5D; -webkit-box-shadow:4px 4px  
4px 4px #31EF5D; box-shadow:4px 4px 4px  
4px #31EF5D }
```

Background

The CSS property to change the background color of an element to Hex 31EF5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31EF5D }
```

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

```
.background{ background-color:#31EF5D }
```

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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