

Converting Colors

Hex(5EFF31)

Have a look what the booklet for
Hex(5EFF31) contains.

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Color

Hex(5EFF31)

Conversions

Conversions Part 1

Format	Color
Hex	5EFF31
RGB	94, 255, 49
RGB Percent	37%, 100%, 19%
CMY	0.6314, 0.0000, 0.8078
CMYK	0.63, 0.00, 0.81, 0.00
HSL	107°, 100%, 60%
HSV	107°, 81%, 100%
XYZ	40.9305, 74.1214, 15.0553
YIQ	183.3770, -29.8300, -98.1980

Conversions

Conversions Part 2

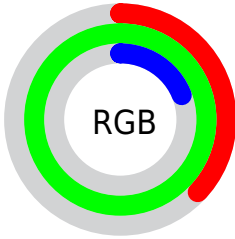
Format	Color
RYB	49, 255, 210
Decimal	6225713
CIELab	88.98, -74.92, 77.58
CIElCh	89, 107.851, 134.002
Yxy	74.1214, 0.3146, 0.5697
Android (android.graphics.Color)	4284415793 (0xFF5EFF31)
YUV	183.3770, -66.2479, -78.3836
Hunter-Lab	86.0938, -65.8022, 49.8975

Details

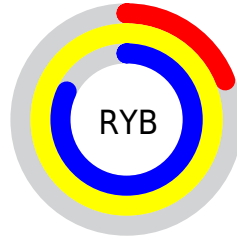
The Hex color **5EFF31** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **D231FF**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A1FF71**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **4AFF18**, and if you desaturate by 10%, it is **72FF4B**.

Distribution



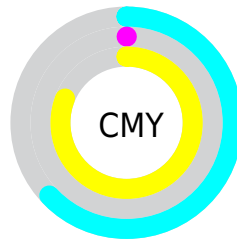
- Red (37%)
- Green (100%)
- Blue (19%)



- Red (19%)
- Yellow (100%)
- Blue (82%)



- Cyan (63%)
- Magenta (0%)
- Yellow (81%)
- Black (0%)



- Cyan (63%)
- Magenta (0%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EFF31 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 5EFF31 by changing the saturation by 10% instead.

 5EFF31

 5EFF31

FFFFFF

 34E200

 A1FF71

 00C500

 C1FF8E

 00A900

 E1FFAB

 008D00

 FFFFC9

 007200

 FFFFE7

 005800

 003F00

 002500

 000000

 5EFF31

 5EFF31

 4AFF18

 72FF4B

 38FF00

 86FF64

 9AFF7E

 AEFF97

 C2FFB1

 D6FFCA

 EAFFE4

 FDFFFD

FFFFFF

Harmonies

Analogous

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



DFEA00



5EFF31



00FFA3

Triad

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



5EFF31



00BFF



FF68B4

Complementary

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



5EFF31



D231FF

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.



FF74FF



5EFF31



00DCFF

Square

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



5EFF31



00FFFF



FFABFF



FF9552

Rectangle

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



5EFF31



00FFEB



FFABFF



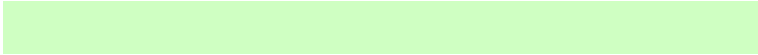
FF63D6

Sweetspot

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



5EFF31



CFFFC2



FFCF31



63805B



000000



808080

Same Dimension

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



5EFF31



3EFF08



31FF68



768073



2ABF00



0E4000

Inverse Universe

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



D231FF



C908FF



FF31C8



7D7380



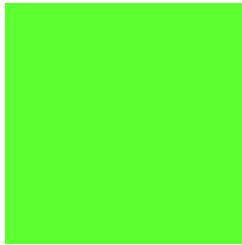
9500BF



320040

Previews

White Background



This preview shows how the Hex color 5EFF31 looks on a white background.

Color Contrast Check

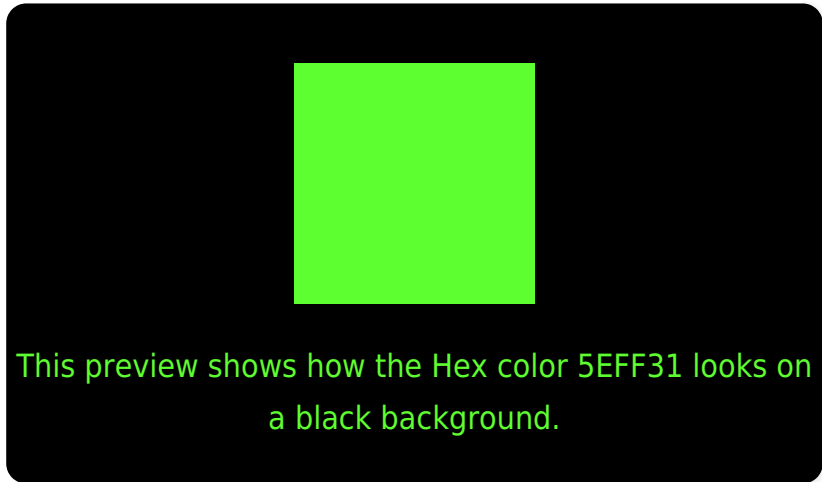
Large Text (above 18pt) WCAG AA × Fail

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

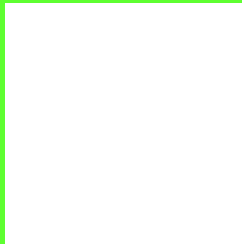
Any Text WCAG AAA ✓ Pass

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

Hex 5EFF31 Background



This preview shows how black text looks on a background with the Hex color 5EFF31.

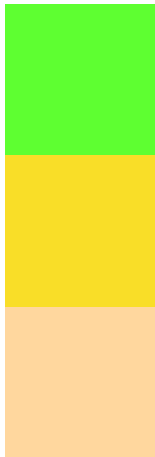


This preview shows how white text looks on a background with the Hex color 5EFF31.

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](#).

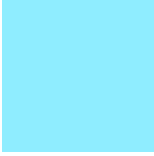
Dichromacy



Original Color
5EFF31

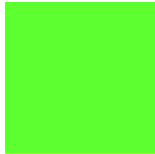
Protanopia
F9DE28

Deuteranopia
FFD79E



Tritanopia
8FEDFF

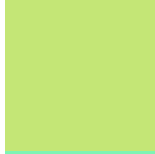
Trichromacy



Original Color
5EFF31



Protanomaly
C1EA2B

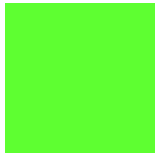


Deuteranomaly
C4E676

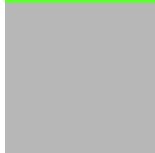


Tritanomaly
7DF4B4

Monochromacy



Original Color
5EFF31



Achromatopsia
B7B7B7



Achromatomaly
97D186

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EFF31 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 #5EFF31 looks like.

```
.text, #text, p{  
    color:#5EFF31  
}
```

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 #5EFF31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EFF31
}
```

Border

The CSS property to change the border of an element to Hex 5EFF31 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
#5EFF31 }
```

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

```
.border{ border-color:#5EFF31 }
```

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

Here you see how a box with a 4 pixel #5EFF31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EFF31; -webkit-box-shadow:4px 4px  
4px 4px #5EFF31; box-shadow:4px 4px 4px  
4px #5EFF31 }
```

Background

The CSS property to change the background color of an element to Hex 5EFF31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EFF31 }
```

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

```
.background{ background-color:#5EFF31 }
```

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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double the colors in the color bucket, and more
awesome pro features!

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