

Converting Colors

Hex(00FD31)

Have a look what the booklet for
Hex(00FD31) contains.

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Color

Hex(00FD31)

Conversions

Conversions Part 1

Format	Color
Hex	00FD31
RGB	0, 253, 49
RGB Percent	0%, 99%, 19%
CMY	1.0000, 0.0078, 0.8078
CMYK	1.00, 0.00, 0.81, 0.01
HSL	132°, 100%, 50%
HSV	132°, 100%, 99%
XYZ	35.6797, 70.4723, 14.6277
YIQ	154.0970, -85.3040, -117.0800

Conversions

Conversions Part 2

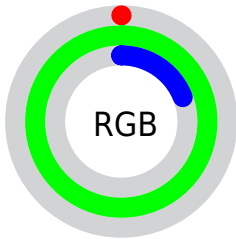
Format	Color
RYB	0, 212, 253
Decimal	64817
CIELab	87.23, -84.26, 75.55
CIELCh	87, 113.169, 138.121
Yxy	70.4723, 0.2954, 0.5835
Android (android.graphics.Color)	4278254897 (0xFF00FD31)
YUV	154.0970, -51.8128, -135.1431
Hunter-Lab	83.9478, -71.0422, 48.4323

Details

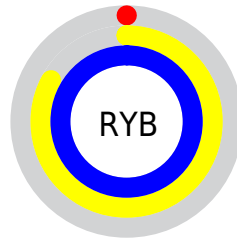
The Hex color **00FD31** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FD00CC**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **76FF70**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FD31**, and if you desaturate by 10%, it is **19FD45**.

Distribution



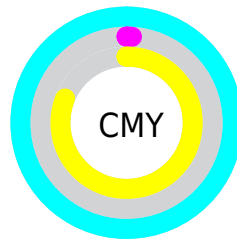
- Red (0%)
- Green (99%)
- Blue (19%)



- Red (0%)
- Yellow (83%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (81%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00FD31 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 00FD31 by changing the saturation by 10% instead.

 00FD31

FFFFFF

 76FF70

 9AFF8D

 BBFFAA

 DCFFC8

 FCFE6

 00FD31

 00DF00

 00C200

 00A600

 008A00

 006F00

 005400

 003B00

 002100

 000000

 00FD31

 19FD45

 33FD5A

 4CFD6E

 65FD83

 7FFD97

 98FDAB

 B1FDC0

 CAFDD4

 E4FDE9

Harmonies

Analogous

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



CAE900



00FD31



00FFAA

Triad

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



00FD31



00F4FF



FF579F

Complementary

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



00FD31



FD00CC

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.



FF5BFF



00FD31



48D1FF

Square

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



00FD31



00FFFF



FF9AFF



FF9234

Rectangle

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



00FD31



00FFF6



FF9AFF



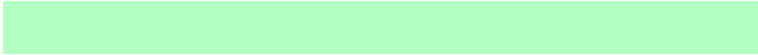
FF4CC2

Sweetspot

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



00FD31



B3FFC1



CFFD00



52805A



000000



808080

Same Dimension

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



00FD31



00FF31



00FDAD



738075



00BF25



00400C

Inverse Universe

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



FD00CC



FF00CE



FD0050



80737D



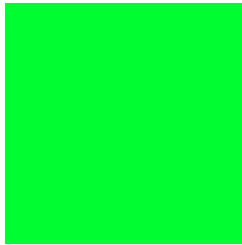
BF009A



400033

Previews

White Background



This preview shows how the Hex color 00FD31 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 00FD31 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

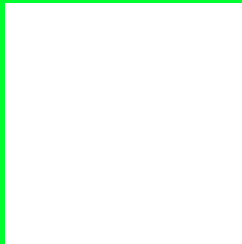
Any Text WCAG AAA ✓ Pass

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

Hex 00FD31 Background



This preview shows how black text looks on a background with the Hex color 00FD31.

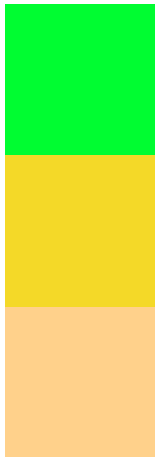


This preview shows how white text looks on a background with the Hex color 00FD31.

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](#).

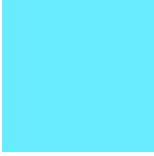
Dichromacy



Original Color
00FD31

Protanopia
F4D928

Deuteranopia
FFD18B



Tritanopia
69ECFF

Trichromacy



Original Color
00FD31



Protanomaly
9BE62B

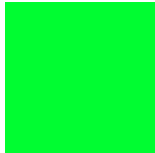


Deuteranomaly
A2E16A



Tritanomaly
43F2B4

Monochromacy



Original Color
00FD31



Achromatopsia
9A9A9A



Achromatomaly
62BE74

CSS Examples

Text

The CSS property to change the color of the text to Hex 00FD31 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 #00FD31 looks like.

```
.text, #text, p{  
    color:#00FD31  
}
```

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 #00FD31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FD31
}
```

Border

The CSS property to change the border of an element to Hex 00FD31 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
#00FD31 }
```

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

```
.border{ border-color:#00FD31 }
```

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

Here you see how a box with a 4 pixel #00FD31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FD31; -webkit-box-shadow:4px 4px  
4px 4px #00FD31; box-shadow:4px 4px 4px  
4px #00FD31 }
```

Background

The CSS property to change the background color of an element to Hex 00FD31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FD31 }
```

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

```
.background{ background-color:#00FD31 }
```

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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