

Converting Colors

Hex(2FDD1F)

Have a look what the booklet for
Hex(2FDD1F) contains.

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Color

Hex(2FDD1F)

Conversions

Conversions Part 1

Format	Color
Hex	2FDD1F
RGB	47, 221, 31
RGB Percent	18%, 87%, 12%
CMY	0.8157, 0.1333, 0.8784
CMYK	0.79, 0.00, 0.86, 0.13
HSL	115°, 75%, 49%
HSV	115°, 86%, 87%
XYZ	27.2761, 52.4162, 9.9761
YIQ	147.3140, -42.7140, -95.9780

Conversions

Conversions Part 2

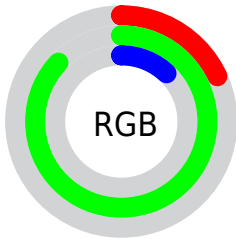
Format	Color
RYB	31, 221, 205
Decimal	3136799
CIELab	77.53, -73.34, 71.09
CIELCh	78, 102.144, 135.892
Yxy	52.4162, 0.3042, 0.5846
Android (android.graphics.Color)	4281326879 (0xFF2FDD1F)
YUV	147.3140, -57.3428, -87.9754
Hunter-Lab	72.3990, -59.4490, 42.5096

Details

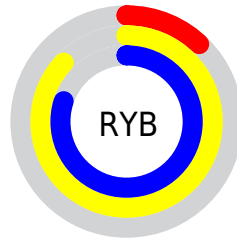
The Hex color **2FDD1F** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CD1FDD**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7CFF60**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **1BDD09**, and if you desaturate by 10%, it is **43DD35**.

Distribution



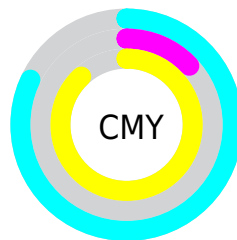
- Red (18%)
- Green (87%)
- Blue (12%)



- Red (12%)
- Yellow (87%)
- Blue (80%)



- Cyan (79%)
- Magenta (0%)
- Yellow (86%)
- Black (13%)



- Cyan (82%)
- Magenta (13%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FDD1F 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 2FDD1F by changing the saturation by 10% instead.

 2FDD1F

 2FDD1F

FFFFFF

 00C000

 7CFF60

 00A400

 9CFF7D

 008900

 BCFF9A

 006E00

 DBFFB7

 005400

 FBFFD4

 003C00

 FFFFF1

 002200

 000000

 2FDD1F

 2FDD1F

 1BDD09

 43DD35

 13DD00

 57DD4B

 6CDD61

 80DD77

 94DD8E

 A8DDA4

 BDDDBA

 D1DDDO

 E5DDE6

Harmonies

Analogous

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



B8CB00



2FDD1F



00E68E

Triad

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



2FDD1F



00D8FF



FF4A92

Complementary

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



2FDD1F



CD1FDD

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.



FF53F0



2FDD1F



00BAFF

Square

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



2FDD1F



00E5FF



FF8BFF



FF7C35

Rectangle

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



2FDD1F



00E8D0



FF8BFF



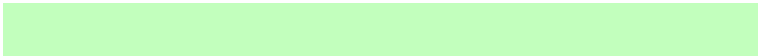
FF42B1

Sweetspot

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



2FDD1F



C2FFBD



DDCA1F



5B8058



000000



808080

Same Dimension

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



2FDD1F



15FF00



1FDD6B



646E63



0FAD00



042E00

Inverse Universe

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



CD1FDD



EA00FF



DD1F91



6D636E



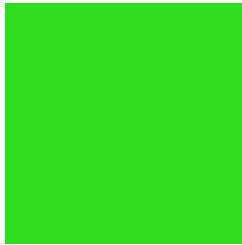
9F00AD



2A002E

Previews

White Background



This preview shows how the Hex color 2FDD1F looks on a white background.

Color Contrast Check

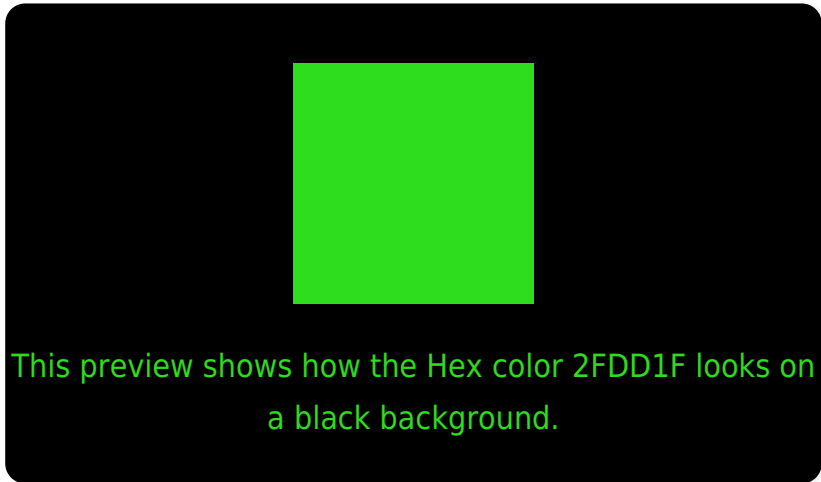
Large Text (above 18pt) WCAG AA × Fail

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 2FDD1F Background



This preview shows how black text looks on a background with the Hex color 2FDD1F.

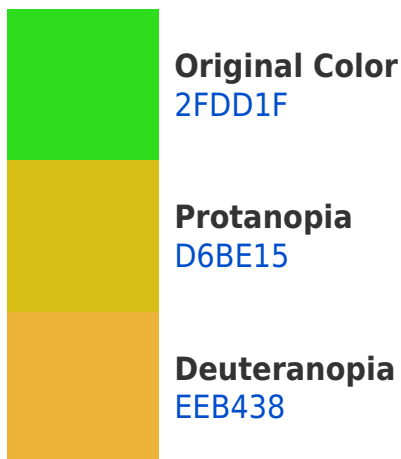


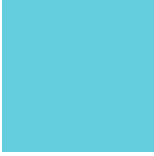
This preview shows how white text looks on a background with the Hex color 2FDD1F.

Color Blindness Simulation

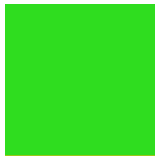
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
2FDD1F



Protanomaly
99C919



Deuteranomaly
A9C32F



Tritanomaly
51D399

Monochromacy



Original Color
2FDD1F



Achromatopsia
939393



Achromatomaly
6FAE69

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FDD1F 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 #2FDD1F looks like.

```
.text, #text, p{  
    color:#2FDD1F  
}
```

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 #2FDD1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FDD1F
}
```

Border

The CSS property to change the border of an element to Hex 2FDD1F 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
#2FDD1F }
```

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

```
.border{ border-color:#2FDD1F }
```

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

Here you see how a box with a 4 pixel #2FDD1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FDD1F; -webkit-box-shadow:4px 4px  
4px 4px #2FDD1F; box-shadow:4px 4px 4px  
4px #2FDD1F }
```

Background

The CSS property to change the background color of an element to Hex 2FDD1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FDD1F }
```

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

```
.background{ background-color:#2FDD1F }
```

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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