

Converting Colors

Hex(2FD267)

Have a look what the booklet for
Hex(2FD267) contains.

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Color

Hex(2FD267)

Conversions

Conversions Part 1

Format	Color
Hex	2FD267
RGB	47, 210, 103
RGB Percent	18%, 82%, 40%
CMY	0.8157, 0.1765, 0.5961
CMYK	0.78, 0.00, 0.51, 0.18
HSL	141°, 64%, 50%
HSV	141°, 78%, 82%
XYZ	26.6671, 47.6768, 20.6290
YIQ	149.0650, -62.8010, -67.8330

Conversions

Conversions Part 2

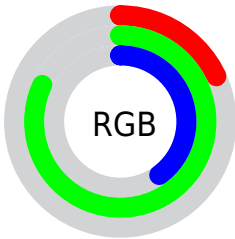
Format	Color
RYB	47, 168, 210
Decimal	3134055
CIELab	74.62, -63.28, 41.37
CIELCh	75, 75.604, 146.822
Yxy	47.6768, 0.2808, 0.5020
Android (android.graphics.Color)	4281324135 (0xFF2FD267)
YUV	149.0650, -22.7100, -89.5110
Hunter-Lab	69.0484, -51.8965, 30.6203

Details

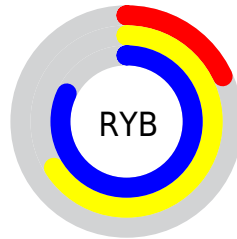
The Hex color **2FD267** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D22F9A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **77FF9C**, and **009A34** is the 20% darker color. If you saturate the color by 10%, you get **1AD259**, and if you desaturate by 10%, it is **44D275**.

Distribution



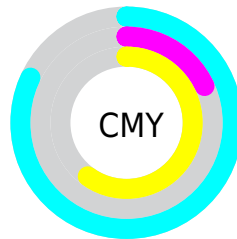
- Red (18%)
- Green (82%)
- Blue (40%)



- Red (18%)
- Yellow (66%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FD267 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 2FD267 by changing the saturation by 10% instead.

 2FD267

 2FD267

FFFFFF

 00B64D

 77FF9C

 009A34

 96FFB7

 007F1A

 B4FFD4

 006500

 D3FFF0

 004B00

 F2FFFF

 003400

 001900

 000000

 2FD267

 2FD267

 1AD259

 44D275

 05D24B

 59D283

 00D248

 6ED290

 83D29E

 98D2AC

 ADD2BA

 C2D2C7

 D7D2D5

 ECD2E3

Harmonies

Analogous

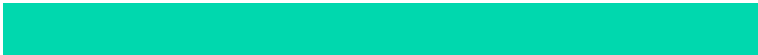
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DC629



2FD267



00D8AE

Triad

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



2FD267



00C2FF



FF7B7D

Complementary

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



2FD267



D22F9A

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.



FF73C2



2FD267



A9A8FF

Square

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



2FD267



00D1FF



FF89FF



FF9641

Rectangle

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



2FD267



00D8DE



FF89FF



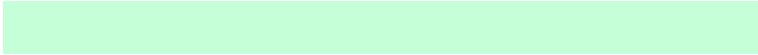
FF7593

Sweetspot

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



2FD267



C4FFD8



9CD22F



5C8068



000000



808080

Same Dimension

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



2FD267



12FF63



2FD2B7



5E6962



00A83A



00290E

Inverse Universe

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



D22F9A



FF12AE



D22F4A



695E65



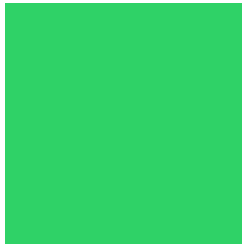
A8006E



29001B

Previews

White Background



This preview shows how the Hex color 2FD267 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 2FD267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

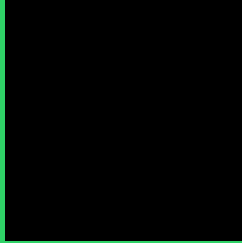
Any Text WCAG AA ✓ Pass

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 2FD267 Background



This preview shows how black text looks on a background with the Hex color 2FD267.

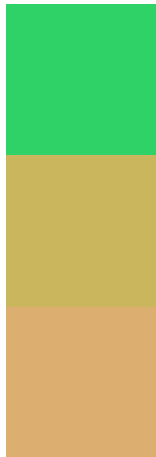


This preview shows how white text looks on a background with the Hex color 2FD267.

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](#).

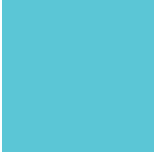
Dichromacy



Original Color
2FD267

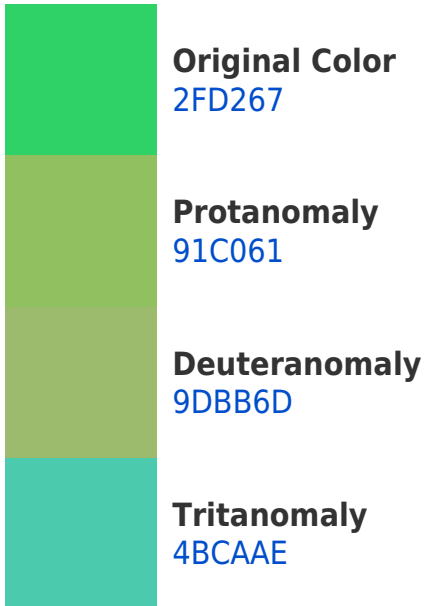
Protanopia
C9B65D

Deuteranopia
DCAE70

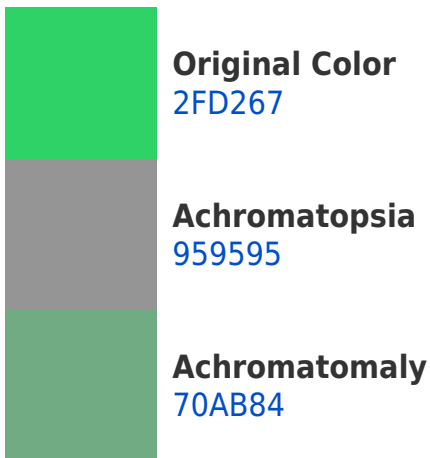


Tritanopia
5BC6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FD267 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 #2FD267 looks like.

```
.text, #text, p{  
    color:#2FD267  
}
```

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 #2FD267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FD267
}
```

Border

The CSS property to change the border of an element to Hex 2FD267 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
#2FD267 }
```

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

```
.border{ border-color:#2FD267 }
```

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

Here you see how a box with a 4 pixel #2FD267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FD267; -webkit-box-shadow:4px 4px  
4px 4px #2FD267; box-shadow:4px 4px 4px  
4px #2FD267 }
```

Background

The CSS property to change the background color of an element to Hex 2FD267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FD267 }
```

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

```
.background{ background-color:#2FD267 }
```

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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