

Converting Colors

Hex(2FD615)

Have a look what the booklet for
Hex(2FD615) contains.

| | |
|--|----|
| Hex(2FD615) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(2FD615)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2FD615 |
| RGB | 47, 214, 21 |
| RGB Percent | 18%, 84%, 8% |
| CMY | 0.8157, 0.1608, 0.9176 |
| CMYK | 0.78, 0.00, 0.90, 0.16 |
| HSL | 112°, 82%, 46% |
| HSV | 112°, 90%, 84% |
| XYZ | 25.3542, 48.7516, 8.7832 |
| YIQ | 142.0650, -37.5790, -95.4270 |

Conversions

Conversions Part 2

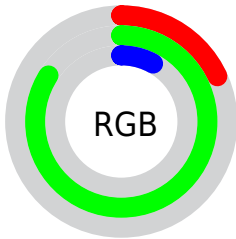
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 21, 214, 188 |
| Decimal | 3134997 |
| CIE Lab | 75.30, -71.65, 70.99 |
| CIE LCh | 75, 100.867, 135.266 |
| Yxy | 48.7516, 0.3059, 0.5882 |
| Android (android.graphics.Color) | 4281325077 (0xFF2FD615) |
| YUV | 142.0650, -59.6850, -83.3720 |
| Hunter-Lab | 69.8224, -57.3714, 41.4174 |

Details

The Hex color **2FD615** 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 **BC15D6**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **7BFF5A**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **1DD600**, and if you desaturate by 10%, it is **42D62A**.

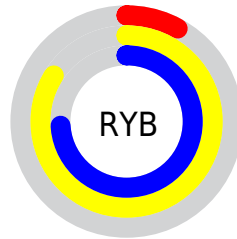
Distribution



Red (18%)

Green (84%)

Blue (8%)



Red (8%)

Yellow (84%)

Blue (74%)

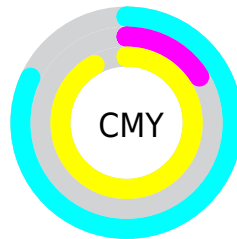


Cyan (78%)

Magenta (0%)

Yellow (90%)

Black (16%)



Cyan (82%)

Magenta (16%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FD615 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 2FD615 by changing the saturation by 10% instead.



2FD615



2FD615

FFFFFF



00B900



7BFF5A



009E00



9BFF77



008200



BAFF94



006800



D9FFB1



004E00



F9FFCE



003600



FFFFEB



001B00



000000



2FD615



2FD615

 1DD600

 42D62A

 54D640

 67D655

 79D66B

 8CD680

 9ED695

 B1D6AB

 C3D6C0

 D6D6D6

Harmonies

Analogous

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



B3C400



2FD615



00DF87

Triad

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



2FD615



00D2FF



FF438F

Complementary

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



2FD615



BC15D6

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.



FF4EEB



2FD615



00B5FF

Square

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



2FD615



00DFFF



F686FF



FF7633

Rectangle

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



2FD615



00E1C8



F686FF



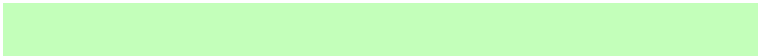
FF3CAD

Sweetspot

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



2FD615



C3FFBA



D6B915



5C8057



000000



808080

Same Dimension

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



2FD615



22FF00



15D659



626B60



17AB00



062B00

Inverse Universe

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



BC15D6



DD00FF



D61592



6A606B



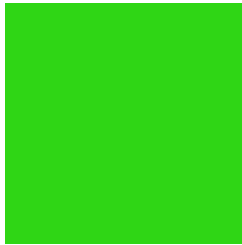
9400AB



26002B

Previews

White Background



This preview shows how the Hex color 2FD615 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 2FD615 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

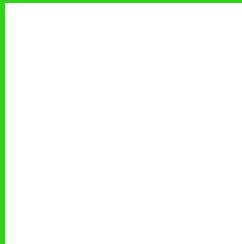
Any Text WCAG AAA ✓ Pass

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

Hex 2FD615 Background



This preview shows how black text looks on a background with the Hex color 2FD615.

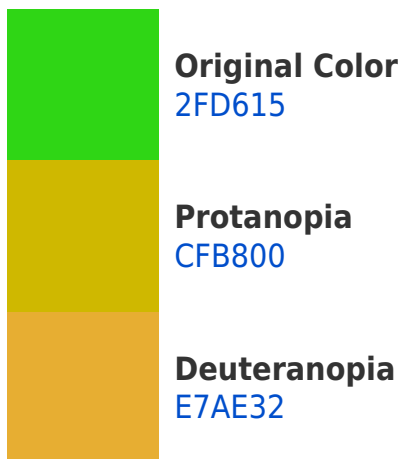


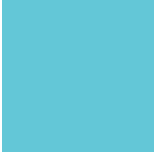
This preview shows how white text looks on a background with the Hex color 2FD615.

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](#).

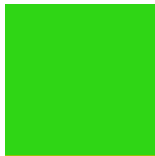
Dichromacy





Tritanopia
63C7D7

Trichromacy



Original Color
2FD615



Protanomaly
95C308



Deuteranomaly
A4BD27



Tritanomaly
50CC90

Monochromacy



Original Color
2FD615



Achromatopsia
8E8E8E



Achromatomaly
6BA862

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FD615 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 #2FD615 looks like.

```
.text, #text, p{  
    color:#2FD615  
}
```

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 #2FD615 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FD615
}
```

Border

The CSS property to change the border of an element to Hex 2FD615 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
#2FD615 }
```

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

```
.border{ border-color:#2FD615 }
```

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

Here you see how a box with a 4 pixel #2FD615 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FD615; -webkit-box-shadow:4px 4px  
4px 4px #2FD615; box-shadow:4px 4px 4px  
4px #2FD615 }
```

Background

The CSS property to change the background color of an element to Hex 2FD615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FD615 }
```

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

```
.background{ background-color:#2FD615 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor