

Converting Colors

Hex(2FB35D)

Have a look what the booklet for
Hex(2FB35D) contains.

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Color

Hex(2FB35D)

Conversions

Conversions Part 1

Format	Color
Hex	2FB35D
RGB	47, 179, 93
RGB Percent	18%, 70%, 36%
CMY	0.8157, 0.2980, 0.6353
CMYK	0.74, 0.00, 0.48, 0.30
HSL	141°, 58%, 44%
HSV	141°, 74%, 70%
XYZ	19.2682, 33.6349, 15.8326
YIQ	129.7280, -51.0660, -54.7300

Conversions

Conversions Part 2

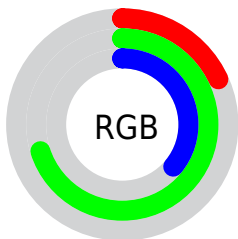
Format	Color
RYB	47, 145, 179
Decimal	3126109
CIELab	64.67, -54.00, 33.92
CIELCh	65, 63.769, 147.866
Yxy	33.6349, 0.2803, 0.4893
Android (android.graphics.Color)	4281316189 (0xFF2FB35D)
YUV	129.7280, -18.1069, -72.5525
Hunter-Lab	57.9956, -42.1882, 24.4110

Details

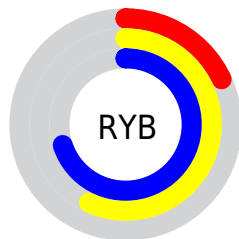
The Hex color **2FB35D** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B32F85**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **70EC91**, and **007D2C** is the 20% darker color. If you saturate the color by 10%, you get **1DB351**, and if you desaturate by 10%, it is **41B369**.

Distribution



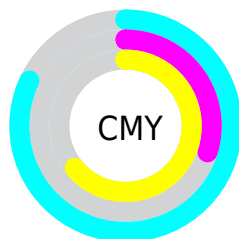
- Red (18%)
- Green (70%)
- Blue (36%)



- Red (18%)
- Yellow (57%)
- Blue (70%)



- Cyan (74%)
- Magenta (0%)
- Yellow (48%)
- Black (30%)



- Cyan (82%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FB35D 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 2FB35D by changing the saturation by 10% instead.

 2FB35D

 2FB35D

FFFFFF

 009844

 70EC91

 007D2C

 8DFFAC

 006314

 ABFFC7

 004A00

 C9FFE4

 003200

 E6FFFF

 001900

 000000

 2FB35D

 2FB35D

 1DB351

 41B369

 0BB346

 53B374

 00B33E

 65B380

 77B38C

 89B397

 9AB3A3

 ACB3AF

 BEB3BA

 D0B3C6

Harmonies

Analogous

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



85A92D



2FB35D



00B897

Triad

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



2FB35D



00A5FF



FF6D6B

Complementary

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



2FB35D



B32F85

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.



FF66A3



2FB35D



958FFF

Square

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



2FB35D



00B2FD



DE76DA



E8823B

Rectangle

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



2FB35D



00B8BE



DE76DA



FF687D

Sweetspot

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



2FB35D



B5E8C7



87B32F



577561



F5F5F5



757575

Same Dimension

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



2FB35D



1CE863



2FB39D



505953



009935



001A09

Inverse Universe

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



B32F85



E81CA1



B32F45



595056



990064



1A0011

Previews

White Background



This preview shows how the Hex color 2FB35D looks on a white background.

Color Contrast Check

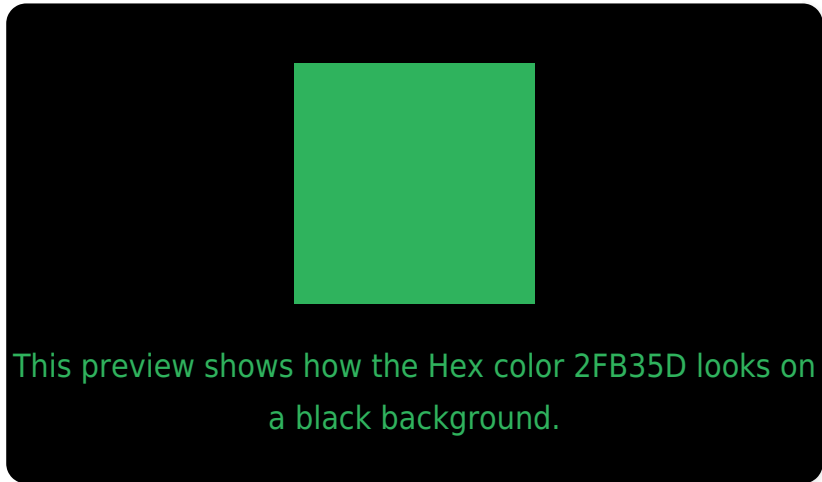
Large Text (above 18pt) WCAG AA × Fail

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 2FB35D Background



This preview shows how black text looks on a background with the Hex color 2FB35D.

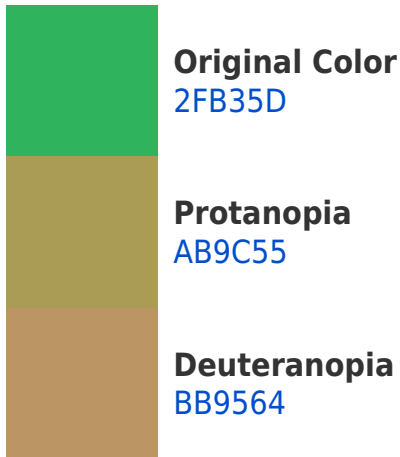


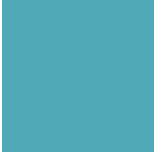
This preview shows how white text looks on a background with the Hex color 2FB35D.

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
50A9B7

Trichromacy



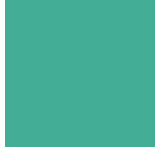
Original Color
2FB35D



Protanomaly
7EA458



Deuteranomaly
88A061



Tritanomaly
44AD96

Monochromacy



Original Color
2FB35D



Achromatopsia
828282



Achromatomaly
649475

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FB35D 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 #2FB35D looks like.

```
.text, #text, p{  
    color:#2FB35D  
}
```

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 #2FB35D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FB35D
}
```

Border

The CSS property to change the border of an element to Hex 2FB35D 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
#2FB35D }
```

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

```
.border{ border-color:#2FB35D }
```

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

Here you see how a box with a 4 pixel #2FB35D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FB35D; -webkit-box-shadow:4px 4px  
4px 4px #2FB35D; box-shadow:4px 4px 4px  
4px #2FB35D }
```

Background

The CSS property to change the background color of an element to Hex 2FB35D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FB35D }
```

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

```
.background{ background-color:#2FB35D }
```

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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