

Converting Colors

Hex(2FBA5D)

Have a look what the booklet for
Hex(2FBA5D) contains.

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Color

Hex(2FBA5D)

Conversions

Conversions Part 1

Format	Color
Hex	2FBA5D
RGB	47, 186, 93
RGB Percent	18%, 73%, 36%
CMY	0.8157, 0.2706, 0.6353
CMYK	0.75, 0.00, 0.50, 0.27
HSL	140°, 60%, 46%
HSV	140°, 75%, 73%
XYZ	20.7070, 36.5125, 16.3122
YIQ	133.8370, -52.9910, -58.3910

Conversions

Conversions Part 2

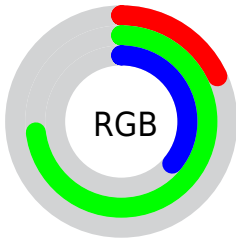
Format	Color
RYB	47, 151, 186
Decimal	3127901
CIELab	66.91, -56.51, 36.73
CIELCh	67, 67.396, 146.980
Yxy	36.5125, 0.2816, 0.4966
Android (android.graphics.Color)	4281317981 (0xFF2FBA5D)
YUV	133.8370, -20.1326, -76.1560
Hunter-Lab	60.4255, -44.5753, 26.2923

Details

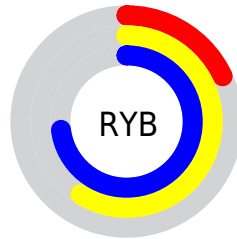
The Hex color **2FBA5D** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BA2F8C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **71F391**, and **00832C** is the 20% darker color. If you saturate the color by 10%, you get **1CBA51**, and if you desaturate by 10%, it is **42BA69**.

Distribution



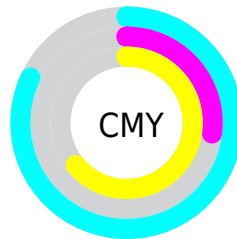
- Red (18%)
- Green (73%)
- Blue (36%)



- Red (18%)
- Yellow (59%)
- Blue (73%)



- Cyan (75%)
- Magenta (0%)
- Yellow (50%)
- Black (27%)



- Cyan (82%)
- Magenta (27%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FBA5D 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 2FBA5D by changing the saturation by 10% instead.

 2FBA5D

 2FBA5D

FFFFFF

 009E44

 71F391

 00832C

 8FFFAC

 006912

 ADFFC8

 005000

 CBFFE4

 003800

 E9FFFF

 002000

 000000

 2FBA5D

 2FBA5D

 1CBA51

 42BA69

 0ABA44

 54BA76

 00BA3E

 67BA82

 79BA8F

 8CBA9B

 9FBAA8

 B1BAB4

 C4BAC1

 D6BACD

Harmonies

Analogous

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



8BAF29



2FBA5D



00BF9B

Triad

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



2FBA5D



00ACFF



FF6E6F

Complementary

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



2FBA5D



BA2F8C

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.



FF68AC



2FBA5D



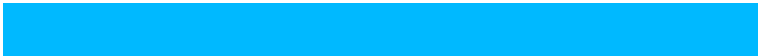
9795FF

Square

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



2FBA5D



00B9FF



E67AE6



F4863B

Rectangle

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



2FBA5D



00BFC4



E67AE6



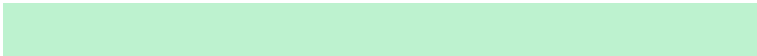
FF6983

Sweetspot

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



2FBA5D



BDF2CF



8EBA2F



5B7A65



FAFAFA



7A7A7A

Same Dimension

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



2FBA5D



18F260



2FBAA1



535C56



009C33



001C09

Inverse Universe

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



BA2F8C



F218AA



BA2F48



5C5359



9C0068



1C0013

Previews

White Background



This preview shows how the Hex color 2FBA5D looks on a white background.

Color Contrast Check

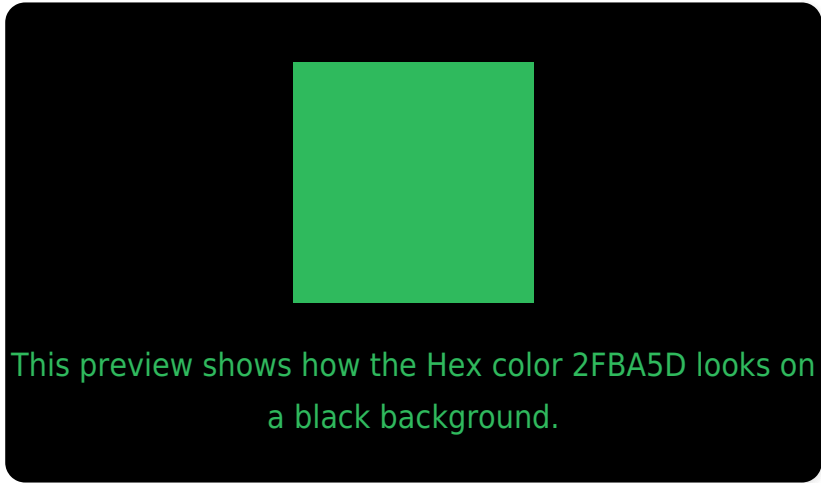
Large Text (above 18pt) WCAG AA × Fail

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

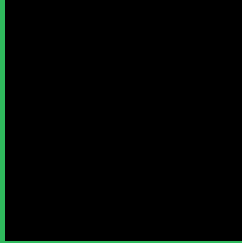
Any Text WCAG AA ✓ Pass

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 2FBA5D Background



This preview shows how black text looks on a background with the Hex color 2FBA5D.

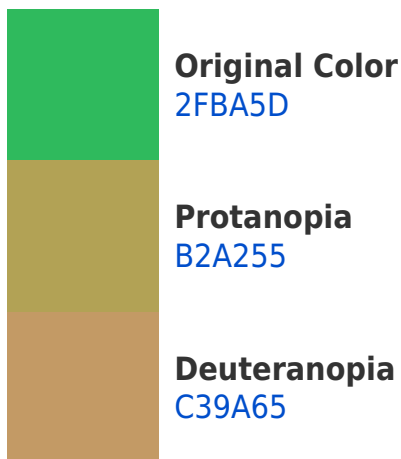


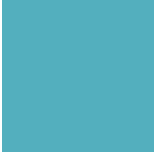
This preview shows how white text looks on a background with the Hex color 2FBA5D.

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](#).

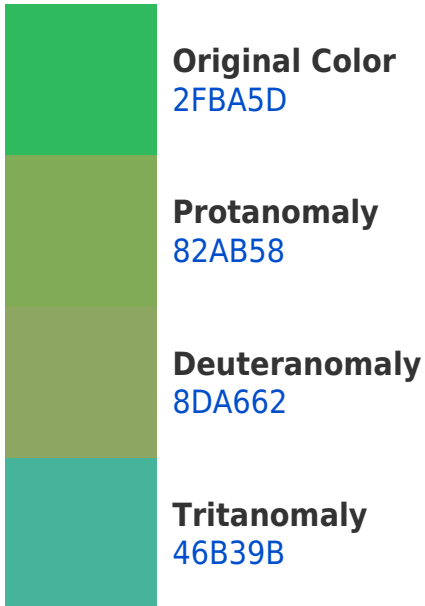
Dichromacy



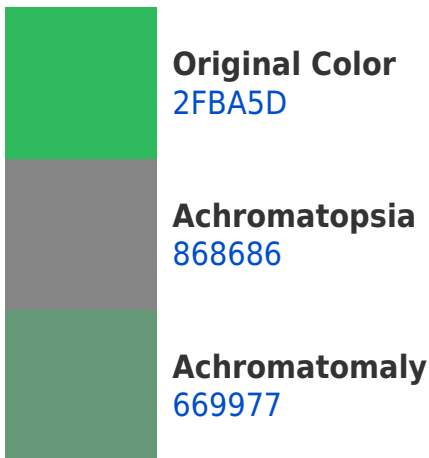


Tritanopia
53AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2FBA5D 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 #2FBA5D looks like.

```
.text, #text, p{  
    color:#2FBA5D  
}
```

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 #2FBA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FBA5D
}
```

Border

The CSS property to change the border of an element to Hex 2FBA5D 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
#2FBA5D }
```

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

```
.border{ border-color:#2FBA5D }
```

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

Here you see how a box with a 4 pixel #2FBA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FBA5D; -webkit-box-shadow:4px 4px  
4px 4px #2FBA5D; box-shadow:4px 4px 4px  
4px #2FBA5D }
```

Background

The CSS property to change the background color of an element to Hex 2FBA5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FBA5D }
```

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

```
.background{ background-color:#2FBA5D }
```

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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