

# Converting Colors

Hex(2FB383)

Have a look what the booklet for  
Hex(2FB383) contains.

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# Color

**Hex(2FB383)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2FB383                       |
| RGB         | 47, 179, 131                 |
| RGB Percent | 18%, 70%, 51%                |
| CMY         | 0.8157, 0.2980, 0.4863       |
| CMYK        | 0.74, 0.00, 0.27, 0.30       |
| HSL         | 158°, 58%, 44%               |
| HSV         | 158°, 74%, 70%               |
| XYZ         | 21.3891, 34.4832, 27.0013    |
| YIQ         | 134.0600, -63.2640, -42.9120 |

# Conversions

## Conversions Part 2

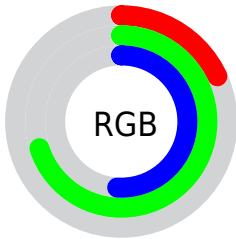
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 47, 128, 179                   |
| Decimal                             | 3126147                        |
| CIELab                              | 65.34, -46.50, 14.60           |
| CIELCh                              | 65, 48.732, 162.571            |
| Yxy                                 | 34.4832, 0.2581,<br>0.4161     |
| Android<br>(android.graphics.Color) | 4281316227<br>(0xFF2FB383)     |
| YUV                                 | 134.0600, -1.5086,<br>-76.3516 |
| Hunter-Lab                          | 58.7224, -37.7472,<br>13.8434  |

# Details

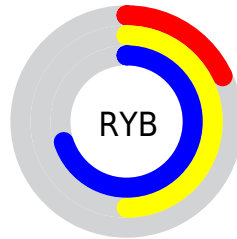
The Hex color **2FB383** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **B32F5F**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **70ECB8**, and **007D51** is the 20% darker color. If you saturate the color by 10%, you get **1DB37C**, and if you desaturate by 10%, it is **41B38A**.

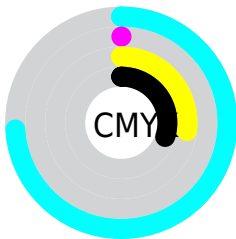
# Distribution



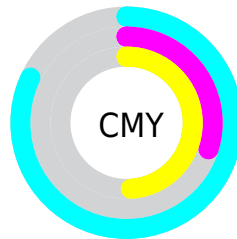
- Red (18%)
- Green (70%)
- Blue (51%)



- Red (18%)
- Yellow (50%)
- Blue (70%)



- Cyan (74%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)



- Cyan (82%)
- Magenta (30%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FB383 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 2FB383 by changing the saturation by 10% instead.



 2FB383

 2FB383

FFFFFF

 00986A

 70ECB8

 007D51

 8DFFD4

 00633A

 ABFFF0

 004A24

 C8FFFF

 003310

 E6FFFF

 001B00

 000000

 2FB383

 2FB383

 1DB37C

 41B38A

 0BB376

 53B390

 00B372

 65B397

 77B39D

 89B3A4

 9AB3AA

 ACB3B1

 BEB3B7

 D0B3BE

# Harmonies

## Analogous

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



76AD5C



2FB383



00B5B0

# Triad

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



2FB383



769DF4



E88366

# Complementary

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



2FB383



B32F5F

# 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.



F17A8E



2FB383



BA8CDF

# Square

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



2FB383



00AAF1



E27DBA



CE934A

# Rectangle

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



2FB383



00B4CC



E27DBA



ED7F72



# Sweetspot

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



2FB383



B5E8D5



5FB32F



57756A



F5F5F5



757575



# Same Dimension

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



2FB383



1CE89E



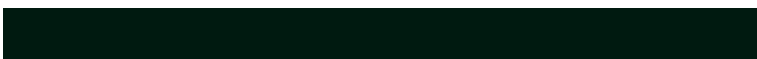
2FA1B3



505956



009961



001A10



# Inverse Universe

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



B32F5F



E81C66



B3412F



595054



990038

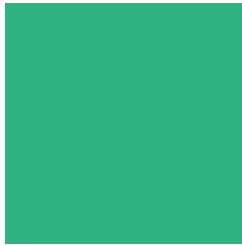


1A0009



# Previews

## White Background



This preview shows how the Hex color 2FB383 looks on a white background.

## Color Contrast Check

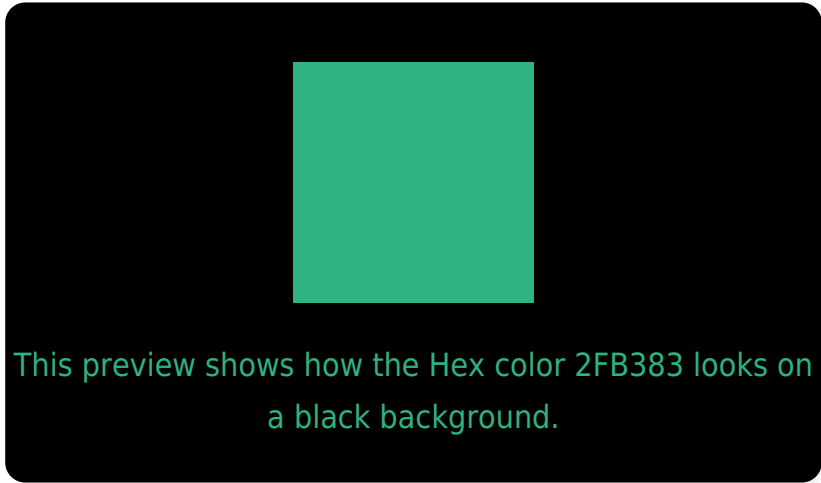
Large Text (above 18pt) WCAG AA × Fail

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

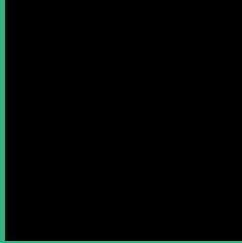
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2FB383 Background



This preview shows how black text looks on a background with the Hex color 2FB383.

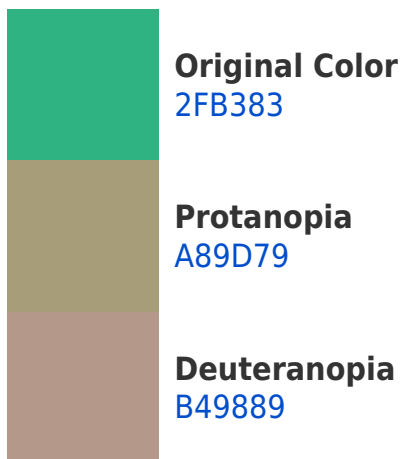


This preview shows how white text looks on a background with the Hex color 2FB383.

# 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



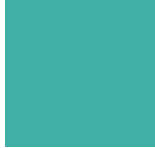
**Original Color**  
2FB383



**Protanomaly**  
7CA57D



**Deuteranomaly**  
84A287



**Tritanomaly**  
40AFA6

# Monochromacy



**Original Color**  
2FB383



**Achromatopsia**  
868686



**Achromatomaly**  
669685

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FB383 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 #2FB383 looks like.

```
.text, #text, p{  
    color:#2FB383  
}
```

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 #2FB383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FB383
}
```

## Border

The CSS property to change the border of an element to Hex 2FB383 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
#2FB383 }
```

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

```
.border{ border-color:#2FB383 }
```

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

Here you see how a box with a 4 pixel #2FB383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FB383; -webkit-box-shadow:4px 4px  
4px 4px #2FB383; box-shadow:4px 4px 4px  
4px #2FB383 }
```

# Background

The CSS property to change the background color of an element to Hex 2FB383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FB383 }
```

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

```
.background{ background-color:#2FB383 }
```

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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