

Converting Colors

Hex(2FB053)

Have a look what the booklet for
Hex(2FB053) contains.

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Color

Hex(2FB053)

Conversions

Conversions Part 1

Format	Color
Hex	2FB053
RGB	47, 176, 83
RGB Percent	18%, 69%, 33%
CMY	0.8157, 0.3098, 0.6745
CMYK	0.73, 0.00, 0.53, 0.31
HSL	137°, 58%, 44%
HSV	137°, 73%, 69%
XYZ	18.2590, 32.2795, 13.4518
YIQ	126.8270, -47.0310, -56.2710

Conversions

Conversions Part 2

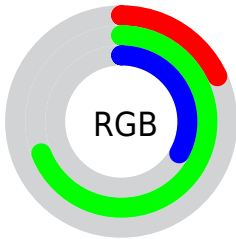
Format	Color
RYB	47, 148, 176
Decimal	3125331
CIELab	63.57, -54.49, 37.59
CIElCh	64, 66.192, 145.402
Yxy	32.2795, 0.2853, 0.5044
Android (android.graphics.Color)	4281315411 (0xFF2FB053)
YUV	126.8270, -21.6067, -70.0083
Hunter-Lab	56.8151, -42.0609, 25.7327

Details

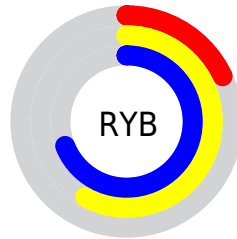
The Hex color **2FB053** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B02F8C**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **70E986**, and **007A22** is the 20% darker color. If you saturate the color by 10%, you get **1DB046**, and if you desaturate by 10%, it is **41B060**.

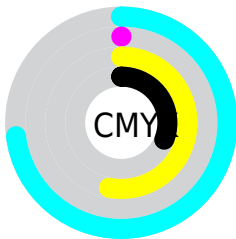
Distribution



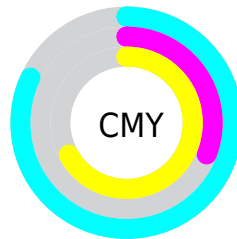
- Red (18%)
- Green (69%)
- Blue (33%)



- Red (18%)
- Yellow (58%)
- Blue (69%)



- Cyan (73%)
- Magenta (0%)
- Yellow (53%)
- Black (31%)



- Cyan (82%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FB053 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 2FB053 by changing the saturation by 10% instead.

 2FB053

 2FB053

FFFFFF

 00953A

 70E986

 007A22

 8DFFA1

 006005

 AAFFBD

 004700

 C8FFD9

 003000

 E6FFF6

 001500

 000000

 2FB053

 2FB053

 1DB046

 41B060

 0CB03A

 52B06C

 00B031

 64B079

 75B086

 87B092

 99B09F

 AAB0AC

 BCB0B9

 CDB0C5

Harmonies

Analogous

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



86A51F



2FB053



00B58F

Triad

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



2FB053



00A4FF



FF656B

Complementary

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



2FB053



B02F8C

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.



FE60A6



2FB053



888EFF

Square

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



2FB053



00B0FA



D873DE



EA7C38

Rectangle

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



2FB053



00B6B8



D873DE



FF617E

Sweetspot

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



2FB053



B3E6C1



8EB02F



55735D



F2F2F2



737373

Same Dimension

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



2FB053



1CE654



2FB092



505953



00992B



001A07

Inverse Universe

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



B02F8C



E61CAD



B02F4D



595057



99006E



1A0012

Previews

White Background



This preview shows how the Hex color 2FB053 looks on a white background.

Color Contrast Check

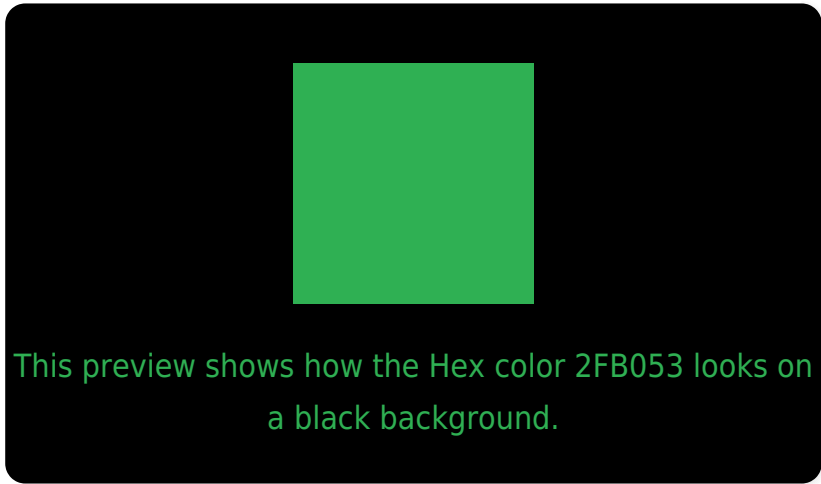
Large Text (above 18pt) WCAG AA × Fail

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 2FB053 Background



This preview shows how black text looks on a background with the Hex color 2FB053.

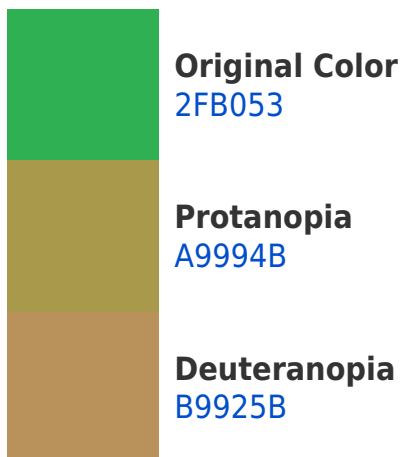


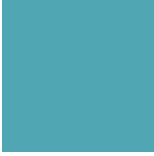
This preview shows how white text looks on a background with the Hex color 2FB053.

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
51A6B3

Trichromacy



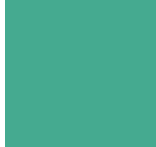
Original Color
2FB053



Protanomaly
7DA14E



Deuteranomaly
879D58



Tritanomaly
45AA90

Monochromacy



Original Color
2FB053



Achromatopsia
7F7F7F



Achromatomaly
62916F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FB053 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 #2FB053 looks like.

```
.text, #text, p{  
    color:#2FB053  
}
```

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 #2FB053 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FB053
}
```

Border

The CSS property to change the border of an element to Hex 2FB053 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
#2FB053 }
```

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

```
.border{ border-color:#2FB053 }
```

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

Here you see how a box with a 4 pixel #2FB053 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FB053; -webkit-box-shadow:4px 4px  
4px 4px #2FB053; box-shadow:4px 4px 4px  
4px #2FB053 }
```

Background

The CSS property to change the background color of an element to Hex 2FB053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FB053 }
```

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

```
.background{ background-color:#2FB053 }
```

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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