

Converting Colors

Hex(2FB23F)

Have a look what the booklet for
Hex(2FB23F) contains.

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Color

Hex(2FB23F)

Conversions

Conversions Part 1

Format	Color
Hex	2FB23F
RGB	47, 178, 63
RGB Percent	18%, 70%, 25%
CMY	0.8157, 0.3020, 0.7529
CMYK	0.74, 0.00, 0.65, 0.30
HSL	127°, 58%, 44%
HSV	127°, 74%, 70%
XYZ	17.9899, 32.8040, 10.0863
YIQ	125.7210, -41.1610, -63.5370

Conversions

Conversions Part 2

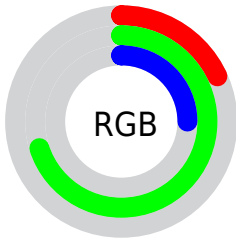
Format	Color
RYB	47, 164, 178
Decimal	3125823
CIELab	64.00, -57.76, 47.44
CIELCh	64, 74.743, 140.601
Yxy	32.8040, 0.2955, 0.5388
Android (android.graphics.Color)	4281315903 (0xFF2FB23F)
YUV	125.7210, -30.9215, -69.0383
Hunter-Lab	57.2748, -44.1644, 29.6512

Details

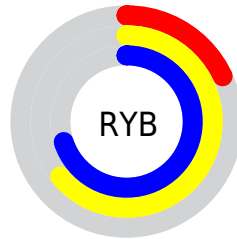
The Hex color **2FB23F** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B22FA2**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **71EB73**, and **007C02** is the 20% darker color. If you saturate the color by 10%, you get **1DB22F**, and if you desaturate by 10%, it is **41B24F**.

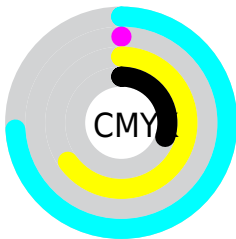
Distribution



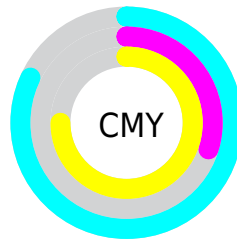
- Red (18%)
- Green (70%)
- Blue (25%)



- Red (18%)
- Yellow (64%)
- Blue (70%)



- Cyan (74%)
- Magenta (0%)
- Yellow (65%)
- Black (30%)



- Cyan (82%)
- Magenta (30%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FB23F 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 2FB23F by changing the saturation by 10% instead.

 2FB23F

 2FB23F

FFFFFF

 009724

 71EB73

 007C02

 8FFF8E

 006200

 ACFFA9

 004900

 CAFFC5

 003200

 E8FFE2

 001700

 000000

 2FB23F

 2FB23F

 1DB22F

 41B24F

 0BB220

 53B25E

 00B216

 64B26E

 76B27E

 88B28D

 9AB29D

 ACB2AC

 BDB2BC

 CFB2CC

Harmonies

Analogous

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



8EA600



2FB23F



00B883

Triad

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



2FB23F



00A9FF



FF5870

Complementary

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



2FB23F



B22FA2

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.



FF56B3



2FB23F



6B92FF

Square

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



2FB23F



00B5FF



D673F1



F97433

Rectangle

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



2FB23F



00B9B2



D673F1



FF5386

Sweetspot

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



2FB23F



B5E8BB



A3B22F



57755B



F5F5F5



757575

Same Dimension

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



2FB23F



1CE835



2FB280



505951



009913



001A03

Inverse Universe

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



B22FA2



E81CCF



B22F61



595058



990086



1A0016

Previews

White Background



This preview shows how the Hex color 2FB23F looks on a white background.

Color Contrast Check

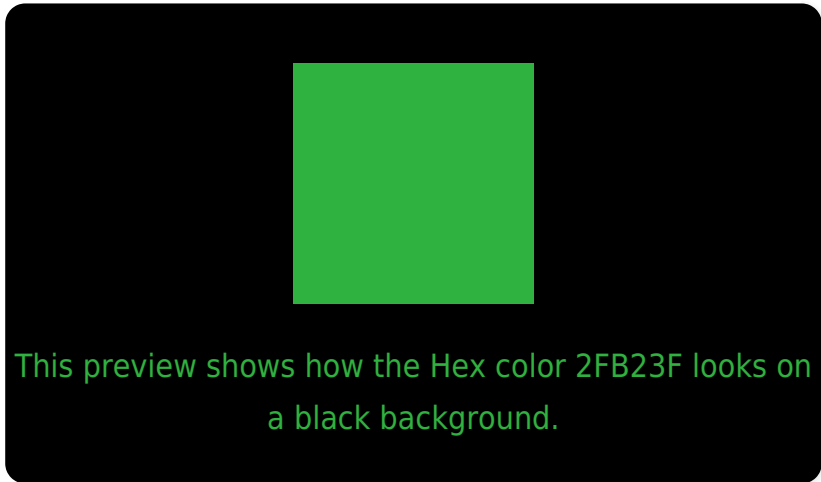
Large Text (above 18pt) WCAG AA × Fail

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 2FB23F Background



This preview shows how black text looks on a background with the Hex color 2FB23F.

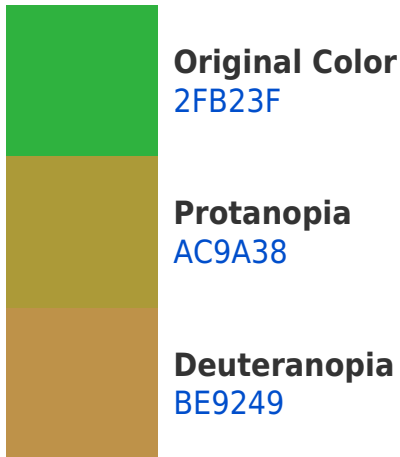


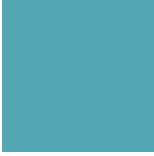
This preview shows how white text looks on a background with the Hex color 2FB23F.

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
53A7B4

Trichromacy



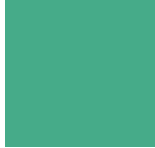
Original Color
2FB23F



Protanomaly
7FA33B



Deuteranomaly
8A9E45



Tritanomaly
46AB89

Monochromacy



Original Color
2FB23F



Achromatopsia
7E7E7E



Achromatomaly
619167

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FB23F 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 #2FB23F looks like.

```
.text, #text, p{  
    color:#2FB23F  
}
```

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 #2FB23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FB23F
}
```

Border

The CSS property to change the border of an element to Hex 2FB23F 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
#2FB23F }
```

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

```
.border{ border-color:#2FB23F }
```

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

Here you see how a box with a 4 pixel #2FB23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FB23F; -webkit-box-shadow:4px 4px  
4px 4px #2FB23F; box-shadow:4px 4px 4px  
4px #2FB23F }
```

Background

The CSS property to change the background color of an element to Hex 2FB23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FB23F }
```

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

```
.background{ background-color:#2FB23F }
```

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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