

Converting Colors

Hex(9FB403)

Have a look what the booklet for
Hex(9FB403) contains.

Hex(9FB403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9FB403)

Conversions

Conversions Part 1

Format	Color
Hex	9FB403
RGB	159, 180, 3
RGB Percent	62%, 71%, 1%
CMY	0.3765, 0.2941, 0.9882
CMYK	0.12, 0.00, 0.98, 0.29
HSL	67°, 97%, 36%
HSV	67°, 98%, 71%
XYZ	30.6358, 40.0200, 6.1961
YIQ	153.5430, 44.3010, -59.4990

Conversions

Conversions Part 2

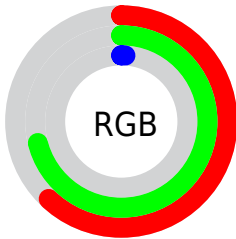
Format	Color
RYB	3, 180, 24
Decimal	10466307
CIELab	69.48, -25.64, 70.46
CIELCh	69, 74.980, 110.000
Yxy	40.0200, 0.3986, 0.5207
Android (android.graphics.Color)	4288656387 (0xFF9FB403)
YUV	153.5430, -74.2177, 4.7858
Hunter-Lab	63.2614, -24.2647, 38.4758

Details

The Hex color **9FB403** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1803B4**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **D9EC4F**, and **677F00** is the 20% darker color. If you saturate the color by 10%, you get **9FB400**, and if you desaturate by 10%, it is **A1B415**.

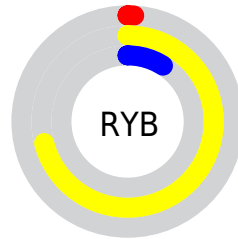
Distribution



Red (62%)

Green (71%)

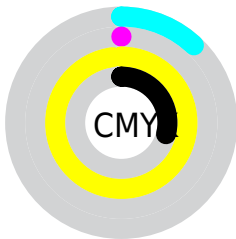
Blue (1%)



Red (1%)

Yellow (71%)

Blue (9%)

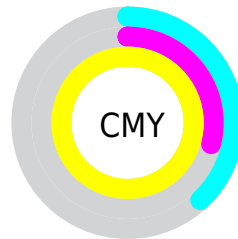


Cyan (12%)

Magenta (0%)

Yellow (98%)

Black (29%)



Cyan (38%)

Magenta (29%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FB403 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 9FB403 by changing the saturation by 10% instead.



9FB403



9FB403

FFFFFF



839900



D9EC4F



677F00



F7FF6C



4C6600



FFFF88



304E00



FFFFA4



143700



FFFFC1



002200



FFFFDE



000000



FFFFFC



9FB403



9FB403

■ 9FB400

■ A1B415

■ A3B427

■ A5B439

■ A8B44B

■ AAB45D

■ ACB46F

■ AEB481

■ B0B493

■ B2B4A5

Harmonies

Analogous

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



DD9E00



9FB403



45C14C

Triad

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



9FB403



00C5FF



FF67C3

Complementary

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



9FB403



1803B4

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.



E582FF



9FB403



00B8FF

Square

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



9FB403



00C9D6



79A1FF



FF687F

Rectangle

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



9FB403



00C678



79A1FF



FF6EDA

Sweetspot

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



9FB403



E2EBA4



B41803



70754B



F5F5F5



757575

Same Dimension

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



9FB403



CFEB00



47B403



585950



879900



161A00

Inverse Universe

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



1803B4



1C00EB



7003B4



515059



120099



03001A

Previews

White Background



This preview shows how the Hex color 9FB403 looks on a white background.

Color Contrast Check

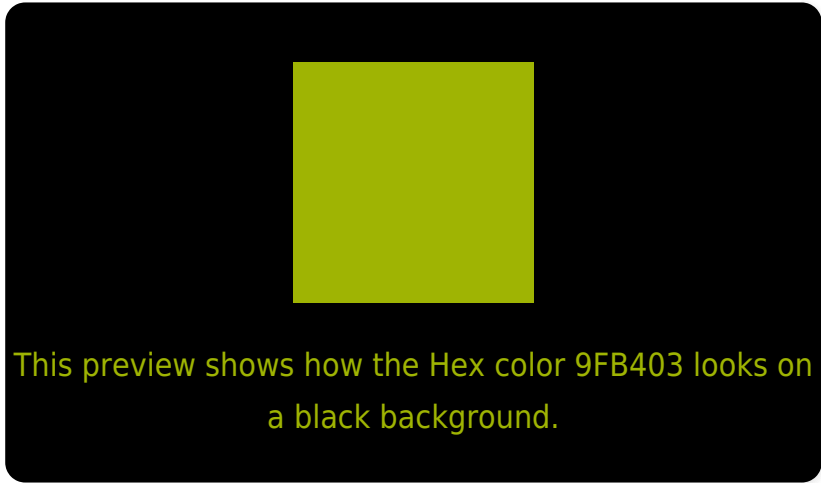
Large Text (above 18pt) WCAG AA × Fail

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 9FB403 Background



This preview shows how black text looks on a background with the Hex color 9FB403.

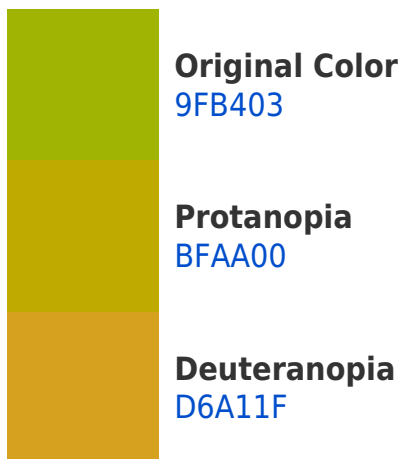


This preview shows how white text looks on a background with the Hex color 9FB403.

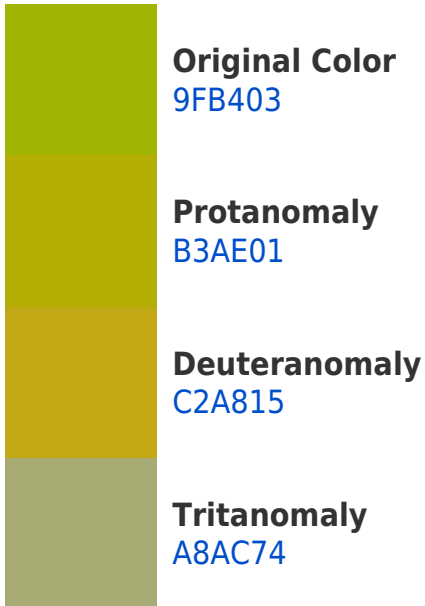
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FB403 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 #9FB403 looks like.

```
.text, #text, p{  
    color:#9FB403  
}
```

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 #9FB403 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB403
}
```

Border

The CSS property to change the border of an element to Hex 9FB403 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
#9FB403 }
```

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

```
.border{ border-color:#9FB403 }
```

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

Here you see how a box with a 4 pixel #9FB403 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB403; -webkit-box-shadow:4px 4px  
4px 4px #9FB403; box-shadow:4px 4px 4px  
4px #9FB403 }
```

Background

The CSS property to change the background color of an element to Hex 9FB403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB403 }
```

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

```
.background{ background-color:#9FB403 }
```

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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