

Converting Colors

Hex(9FB542)

Have a look what the booklet for
Hex(9FB542) contains.

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Color

Hex(9FB542)

Conversions

Conversions Part 1

Format	Color
Hex	9FB542
RGB	159, 181, 66
RGB Percent	62%, 71%, 26%
CMY	0.3765, 0.2902, 0.7412
CMYK	0.12, 0.00, 0.64, 0.29
HSL	71°, 47%, 48%
HSV	71°, 64%, 71%
XYZ	31.8053, 40.8120, 11.3554
YIQ	161.3120, 23.8030, -40.4290

Conversions

Conversions Part 2

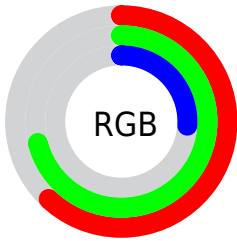
Format	Color
RYB	66, 181, 88
Decimal	10466626
CIELab	70.04, -23.75, 54.21
CIElCh	70, 59.185, 113.659
Yxy	40.8120, 0.3788, 0.4860
Android (android.graphics.Color)	4288656706 (0xFF9FB542)
YUV	161.3120, -46.9888, -2.0276
Hunter-Lab	63.8843, -22.9298, 34.1802

Details

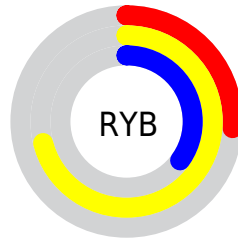
The Hex color **9FB542** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5842B5**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **D8ED77**, and **688001** is the 20% darker color. If you saturate the color by 10%, you get **9CB530**, and if you desaturate by 10%, it is **A2B554**.

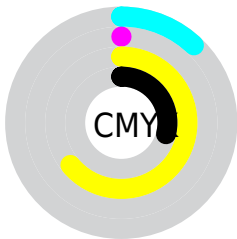
Distribution



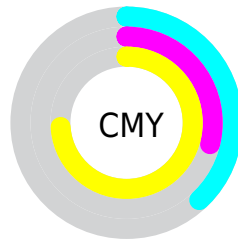
- Red (62%)
- Green (71%)
- Blue (26%)



- Red (26%)
- Yellow (71%)
- Blue (35%)



- Cyan (12%)
- Magenta (0%)
- Yellow (64%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FB542 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 9FB542 by changing the saturation by 10% instead.

 9FB542

 9FB542

FFFFFF

 839A27

 D8ED77

 688001

 F5FF92

 4E6700

 FFFFAE

 354F00

 FFFFCA

 1A3800

 FFFF E7

 002300

 000000

 9FB542

 9FB542

 9CB530

 A2B554

98B51E

A6B566

95B50C

A9B578

92B500

ADB58A

B0B59D

B4B5AF

B7B5C1

BBB5D3

BEB5E5

Harmonies

Analogous

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



D3A43A



9FB542



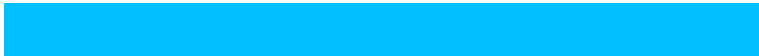
5CC069

Triad

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



9FB542



00C0FF



FF7CB9

Complementary

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



9FB542



5842B5

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.



E28BEC



9FB542



00B5FF

Square

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



9FB542



00C5D5



9AA2FF



FF7F83

Rectangle

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



9FB542



00C48B



9AA2FF



FE80CB

Sweetspot

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



9FB542



E2EBBE



B55742



70755A



F5F5F5



757575

Same Dimension

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



9FB542



C8EB38



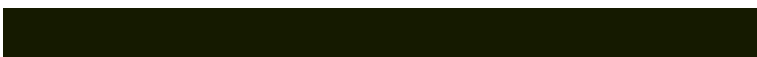
66B542



585950



7C9900



151A00

Inverse Universe

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



5842B5



5A38EB



9142B5



525059



1D0099



05001A

Previews

White Background



This preview shows how the Hex color 9FB542 looks on a white background.

Color Contrast Check

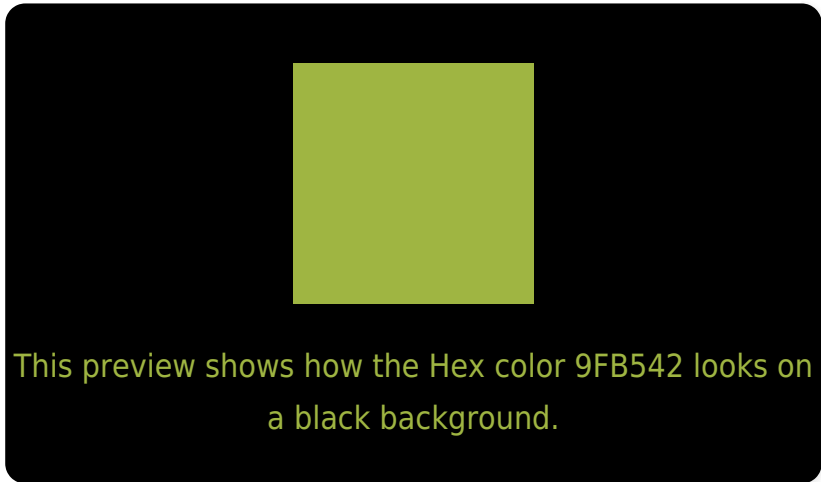
Large Text (above 18pt) WCAG AA × Fail

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 9FB542 Background



This preview shows how black text looks on a background with the Hex color 9FB542.

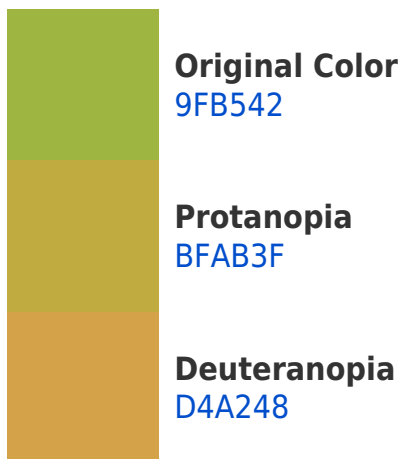


This preview shows how white text looks on a background with the Hex color 9FB542.

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](#).

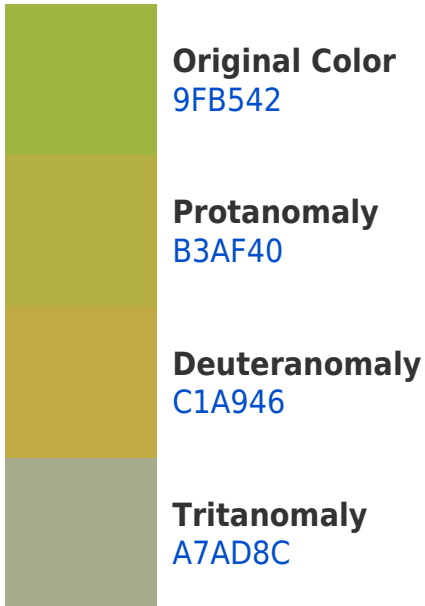
Dichromacy





Tritanopia
ACA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9FB542 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 #9FB542 looks like.

```
.text, #text, p{  
    color:#9FB542  
}
```

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 #9FB542 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FB542
}
```

Border

The CSS property to change the border of an element to Hex 9FB542 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
#9FB542 }
```

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

```
.border{ border-color:#9FB542 }
```

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

Here you see how a box with a 4 pixel #9FB542 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FB542; -webkit-box-shadow:4px 4px  
4px 4px #9FB542; box-shadow:4px 4px 4px  
4px #9FB542 }
```

Background

The CSS property to change the background color of an element to Hex 9FB542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FB542 }
```

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

```
.background{ background-color:#9FB542 }
```

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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