

Converting Colors

Hex(99DA3F)

Have a look what the booklet for
Hex(99DA3F) contains.

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Color

Hex(99DA3F)

Conversions

Conversions Part 1

Format	Color
Hex	99DA3F
RGB	153, 218, 63
RGB Percent	60%, 85%, 25%
CMY	0.4000, 0.1451, 0.7529
CMYK	0.30, 0.00, 0.71, 0.15
HSL	85°, 68%, 55%
HSV	85°, 71%, 85%
XYZ	39.1055, 57.2740, 13.6965
YIQ	180.8950, 11.0150, -61.9850

Conversions

Conversions Part 2

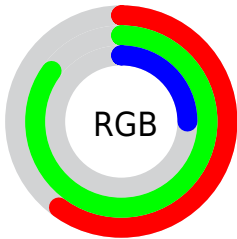
Format	Color
RYB	63, 218, 128
Decimal	10082879
CIELab	80.33, -43.35, 65.88
CIELCh	80, 78.865, 123.345
Yxy	57.2740, 0.3553, 0.5203
Android (android.graphics.Color)	4288272959 (0xFF99DA3F)
YUV	180.8950, -58.1222, -24.4639
Hunter-Lab	75.6796, -40.2040, 42.2454

Details

The Hex color **99DA3F** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **803FDA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **D3FF78**, and **60A300** is the 20% darker color. If you saturate the color by 10%, you get **90DA29**, and if you desaturate by 10%, it is **A2DA55**.

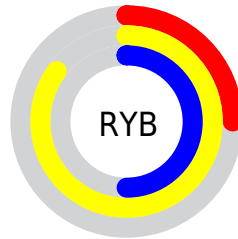
Distribution



Red (60%)

Green (85%)

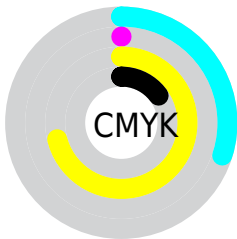
Blue (25%)



Red (25%)

Yellow (85%)

Blue (50%)

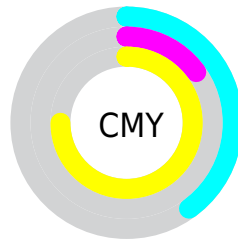


Cyan (30%)

Magenta (0%)

Yellow (71%)

Black (15%)



Cyan (40%)

Magenta (15%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 99DA3F 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 99DA3F by changing the saturation by 10% instead.

 99DA3F

 99DA3F

FFFFFF

 7CBE1E

 D3FF78

 60A300

 F1FF94

 438800

 FFFFB0

 256E00

 FFFFCD

 005500

 FFFFEA

 003D00

 002800

 000200

 000000

 99DA3F

 99DA3F

 90DA29

 A2DA55

 87DA13

 ABDA6B

 7FDA00

 B4DA80

 BEDA96

 C7DAAC

 D0DAC2

 D9DAD8

 E2DAED

 EBDAFF

Harmonies

Analogous

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



E5C717



99DA3F



00E582

Triad

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



99DA3F



00E0FF



FF7EC2

Complementary

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



99DA3F



803FDA

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.



FF8FFF



99DA3F



00CDFF

Square

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



99DA3F



00E9FF



D3B0FF



FF8D7B

Rectangle

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



99DA3F



00E9B4



D3B0FF



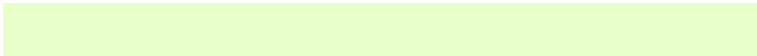
FF81DB

Sweetspot

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



99DA3F



E9FFC9



DA803F



728060



000000



808080

Same Dimension

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



99DA3F



A4FF26



4CDA3F



696E63



65AD00



1B2E00

Inverse Universe

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



803FDA



8126FF



CD3FDA



67636E



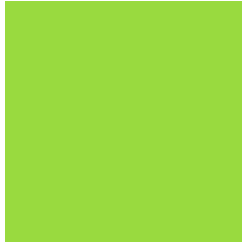
4900AD



13002E

Previews

White Background



This preview shows how the Hex color 99DA3F looks on a white background.

Color Contrast Check

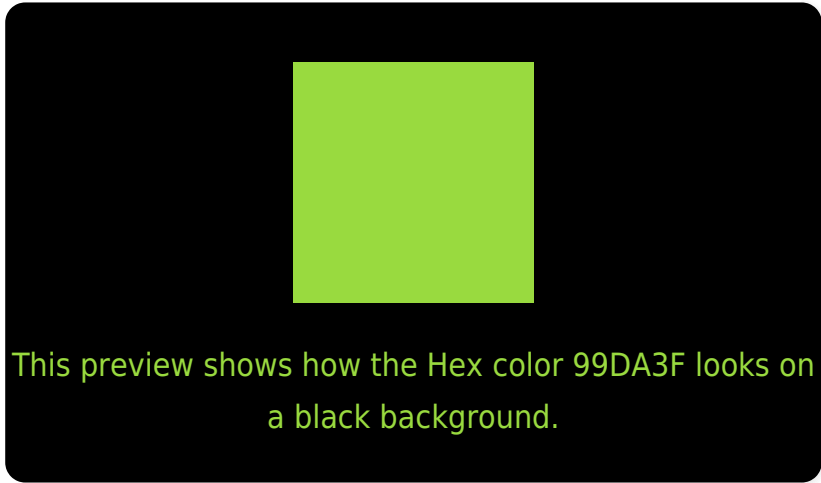
Large Text (above 18pt) WCAG AA × Fail

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 99DA3F Background



This preview shows how black text looks on a background with the Hex color 99DA3F.

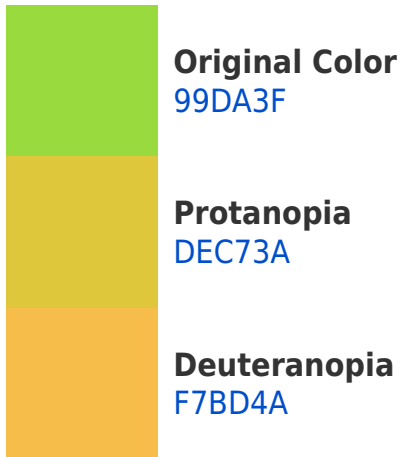


This preview shows how white text looks on a background with the Hex color 99DA3F.

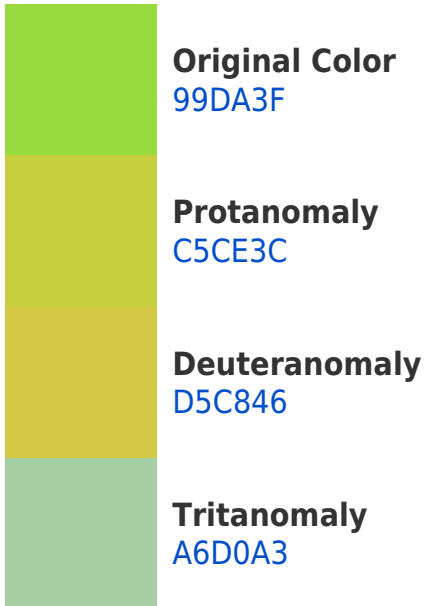
Color Blindness Simulation

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](#).

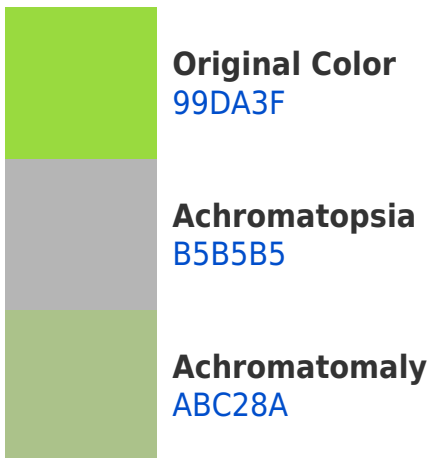
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 99DA3F 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 #99DA3F looks like.

```
.text, #text, p{  
    color:#99DA3F  
}
```

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 #99DA3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99DA3F
}
```

Border

The CSS property to change the border of an element to Hex 99DA3F 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
#99DA3F }
```

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

```
.border{ border-color:#99DA3F }
```

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

Here you see how a box with a 4 pixel #99DA3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99DA3F; -webkit-box-shadow:4px 4px  
4px 4px #99DA3F; box-shadow:4px 4px 4px  
4px #99DA3F }
```

Background

The CSS property to change the background color of an element to Hex 99DA3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99DA3F }
```

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

```
.background{ background-color:#99DA3F }
```

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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