

Converting Colors

Hex(3F9D3D)

Have a look what the booklet for
Hex(3F9D3D) contains.

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Color

Hex(3F9D3D)

Conversions

Conversions Part 1

Format	Color
Hex	3F9D3D
RGB	63, 157, 61
RGB Percent	25%, 62%, 24%
CMY	0.7529, 0.3843, 0.7608
CMYK	0.60, 0.00, 0.61, 0.38
HSL	119°, 44%, 43%
HSV	119°, 61%, 62%
XYZ	14.9492, 25.5076, 8.5504
YIQ	117.9500, -25.2080, -49.7840

Conversions

Conversions Part 2

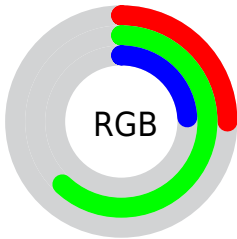
Format	Color
RYB	61, 157, 155
Decimal	4169021
CIELab	57.57, -47.20, 41.19
CIElCh	58, 62.649, 138.889
Yxy	25.5076, 0.3050, 0.5205
Android (android.graphics.Color)	4282359101 (0xFF3F9D3D)
YUV	117.9500, -28.0763, -48.1911
Hunter-Lab	50.5051, -35.5490, 25.3158

Details

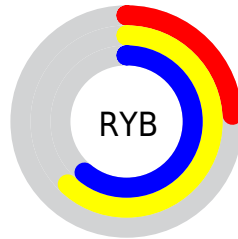
The Hex color **3F9D3D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9B3D9D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **78D470**, and **006806** is the 20% darker color. If you saturate the color by 10%, you get **309D2D**, and if you desaturate by 10%, it is **4E9D4D**.

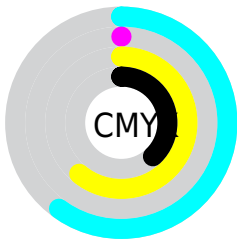
Distribution



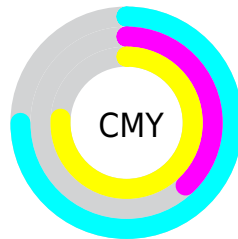
- Red (25%)
- Green (62%)
- Blue (24%)



- Red (24%)
- Yellow (62%)
- Blue (61%)



- Cyan (60%)
- Magenta (0%)
- Yellow (61%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F9D3D 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 3F9D3D by changing the saturation by 10% instead.



3F9D3D



3F9D3D

FFFFFF



1E8224



78D470



006806



94F18A



004F00



B1FFA5



003700



CEFFC1



002200



EBFFDD



000000



FFFFFFA



3F9D3D



3F9D3D



309D2D



4E9D4D

■ 209D1E

■ 5E9D5C

■ 119D0E

■ 6D9D6C

■ 039D00

■ 7C9D7C

■ 8C9D8C

■ 9B9D9B

■ AB9DAB

■ BA9DBB

■ C99DCA

Harmonies

Analogous

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



84920B



3F9D3D



00A373

Triad

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



3F9D3D



0096F6



EC566A

Complementary

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



3F9D3D



9B3D9D

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.



E256A1



3F9D3D



6084F2

Square

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



3F9D3D



00A0DC



B86CD3



DB6938

Rectangle

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



3F9D3D



00A49A



B86CD3



EC537C

Sweetspot

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



3F9D3D



A8CCA7



9D9A3D



506650



E6E6E6



666666

Same Dimension

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



3F9D3D



3ACC37



3D9D6A



474F47



038F00



000F00

Inverse Universe

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



9B3D9D



C937CC



9D3D70



4F474F



8C008F



0F000F

Previews

White Background



This preview shows how the Hex color 3F9D3D looks on a white background.

Color Contrast Check

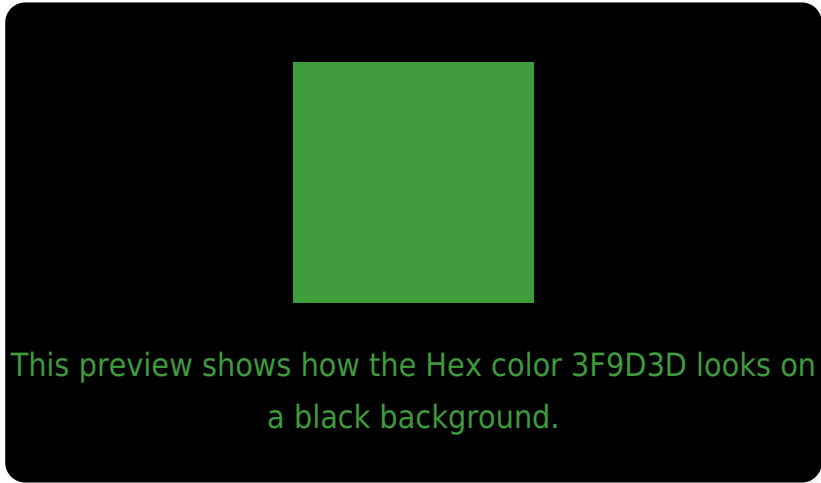
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3F9D3D Background



This preview shows how black text looks on a background with the Hex color 3F9D3D.



This preview shows how white text looks on a background with the Hex color 3F9D3D.

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](#).

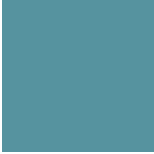
Dichromacy



Original Color
3F9D3D

Protanopia
998A37

Deuteranopia
A98345



Tritanopia
56939F

Trichromacy



Original Color
3F9D3D



Protanomaly
789139



Deuteranomaly
828C42



Tritanomaly
4E977B

Monochromacy



Original Color
3F9D3D



Achromatopsia
767676



Achromatomaly
628461

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F9D3D 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 #3F9D3D looks like.

```
.text, #text, p{  
    color:#3F9D3D  
}
```

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 #3F9D3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F9D3D
}
```

Border

The CSS property to change the border of an element to Hex 3F9D3D 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
#3F9D3D }
```

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

```
.border{ border-color:#3F9D3D }
```

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

Here you see how a box with a 4 pixel #3F9D3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F9D3D; -webkit-box-shadow:4px 4px  
4px 4px #3F9D3D; box-shadow:4px 4px 4px  
4px #3F9D3D }
```

Background

The CSS property to change the background color of an element to Hex 3F9D3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F9D3D }
```

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

```
.background{ background-color:#3F9D3D }
```

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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