

Converting Colors

Hex(3F903D)

Have a look what the booklet for
Hex(3F903D) contains.

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Color

Hex(3F903D)

Conversions

Conversions Part 1

Format	Color
Hex	3F903D
RGB	63, 144, 61
RGB Percent	25%, 56%, 24%
CMY	0.7529, 0.4353, 0.7608
CMYK	0.56, 0.00, 0.58, 0.44
HSL	119°, 40%, 40%
HSV	119°, 58%, 56%
XYZ	12.8655, 21.3402, 7.8559
YIQ	110.3190, -21.6330, -42.9850

Conversions

Conversions Part 2

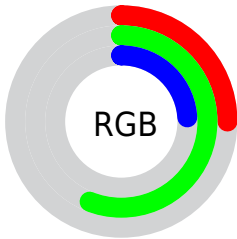
Format	Color
RYB	61, 144, 142
Decimal	4165693
CIELab	53.32, -42.07, 36.26
CIELCh	53, 55.536, 139.244
Yxy	21.3402, 0.3059, 0.5074
Android (android.graphics.Color)	4282355773 (0xFF3F903D)
YUV	110.3190, -24.3143, -41.4988
Hunter-Lab	46.1955, -31.1297, 22.2541

Details

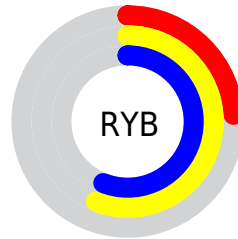
The Hex color **3F903D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8E3D90**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **76C76F**, and **005D0A** is the 20% darker color. If you saturate the color by 10%, you get **31902F**, and if you desaturate by 10%, it is **4D904B**.

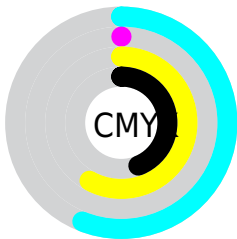
Distribution



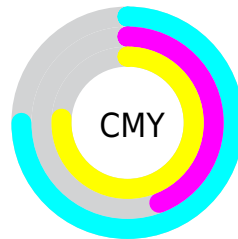
- Red (25%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (58%)
- Black (44%)



- Cyan (75%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F903D 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 3F903D by changing the saturation by 10% instead.



3F903D



3F903D

FFFFFF



217625



76C76F



005D0A



92E389



004400



AEFFA4



002D00



CAFFBF



001400



E7FFDB



000000



FFFFFF8



3F903D



3F903D



31902F



4D904B

■ 239020

■ 5B905A

■ 159012

■ 699068

■ 079003

■ 779077

■ 039000

■ 859085

■ 939093

■ A190A2

■ AF90B0

■ BD90BF

Harmonies

Analogous

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



7A8618



3F903D



00956C

Triad

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



3F903D



008ADD



D65363

Complementary

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



3F903D



8E3D90

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.



CD5493



3F903D



5E7ADA

Square

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



3F903D



0093C7



A865BE



C66338

Rectangle

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



3F903D



00968D



A865BE



D65172

Sweetspot

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



3F903D



9BBA9B



908D3D



4C5E4B



DEDEDE



5E5E5E

Same Dimension

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



3F903D



3DBA3A



3D9064



404740



038700



000800

Inverse Universe

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



8E3D90



B73ABA



903D69



474047



840087



070008

Previews

White Background



This preview shows how the Hex color 3F903D looks on a white background.

Color Contrast Check

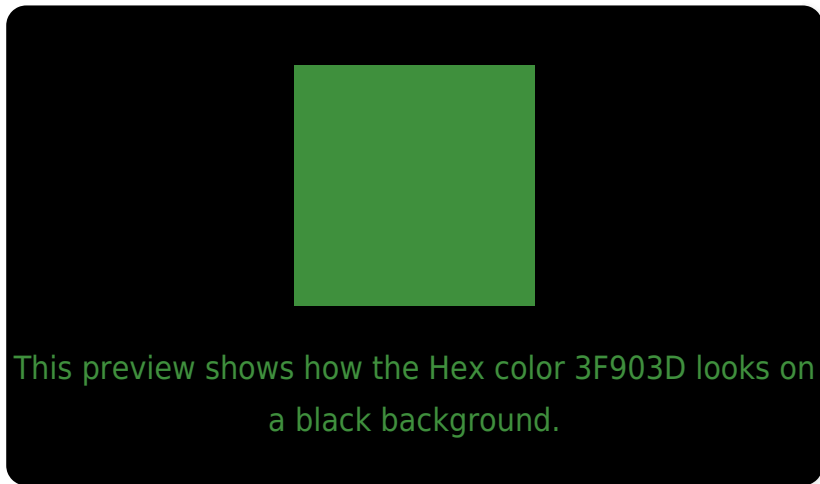
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F903D Background



This preview shows how black text looks on a background with the Hex color 3F903D.



This preview shows how white text looks on a background with the Hex color 3F903D.

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
3F903D

Protanopia
8D7F38

Deuteranopia
9B7943



Tritanopia
528792

Trichromacy



Original Color
3F903D

Protanomaly
71853A

Deuteranomaly
7A8141

Tritanomaly
4B8A73

Monochromacy



Original Color
3F903D

Achromatopsia
6E6E6E

Achromatomaly
5D7A5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F903D 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 #3F903D looks like.

```
.text, #text, p{  
    color:#3F903D  
}
```

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 #3F903D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F903D
}
```

Border

The CSS property to change the border of an element to Hex 3F903D 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
#3F903D }
```

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

```
.border{ border-color:#3F903D }
```

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

Here you see how a box with a 4 pixel #3F903D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F903D; -webkit-box-shadow:4px 4px  
4px 4px #3F903D; box-shadow:4px 4px 4px  
4px #3F903D }
```

Background

The CSS property to change the background color of an element to Hex 3F903D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F903D }
```

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

```
.background{ background-color:#3F903D }
```

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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