

Converting Colors

Hex(3F891D)

Have a look what the booklet for
Hex(3F891D) contains.

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Color

Hex(3F891D)

Conversions

Conversions Part 1

Format	Color
Hex	3F891D
RGB	63, 137, 29
RGB Percent	25%, 54%, 11%
CMY	0.7529, 0.4627, 0.8863
CMYK	0.54, 0.00, 0.79, 0.46
HSL	101°, 65%, 33%
HSV	101°, 79%, 54%
XYZ	11.2173, 19.0368, 4.2457
YIQ	102.5620, -9.4360, -49.2760

Conversions

Conversions Part 2

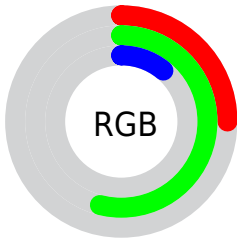
Format	Color
R _{YB}	29, 137, 103
Decimal	4163869
CIE Lab	50.73, -42.37, 47.23
CIE LCh	51, 63.454, 131.897
Yxy	19.0368, 0.3251, 0.5518
Android (android.graphics.Color)	4282353949 (0xFF3F891D)
YUV	102.5620, -36.2661, -34.6959
Hunter-Lab	43.6312, -30.4632, 24.7724

Details

The Hex color **3F891D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **671D89**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **76BF52**, and **005600** is the 20% darker color. If you saturate the color by 10%, you get **36890F**, and if you desaturate by 10%, it is **48892B**.

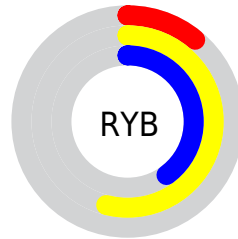
Distribution



Red (25%)

Green (54%)

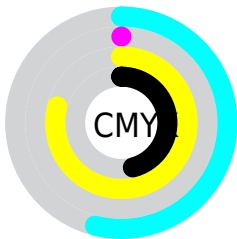
Blue (11%)



Red (11%)

Yellow (54%)

Blue (40%)

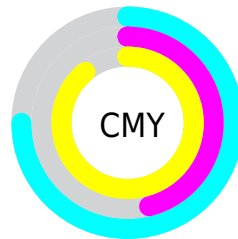


Cyan (54%)

Magenta (0%)

Yellow (79%)

Black (46%)



Cyan (75%)

Magenta (46%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F891D 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 3F891D by changing the saturation by 10% instead.



3F891D



3F891D

FFFFFF



216F00



76BF52



005600



92DB6C



003E00



AEF886



002900



CBFFA2



000500



E8FFBD



000000



FFFFDA



FFFFF7



3F891D



3F891D

■ 36890F

■ 48892B

■ 2C8902

■ 528938

■ 2B8900

■ 5B8946

■ 658954

■ 6E8962

■ 77896F

■ 81897D

■ 8A898B

■ 938998

Harmonies

Analogous

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



7E7D00



3F891D



008F55

Triad

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



3F891D



0088E0



D83E66

Complementary

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



3F891D



671D89

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.



C8469C



3F891D



0178E4

Square

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



3F891D



008FC0



9660CA



CC5132

Rectangle

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



3F891D



00917B



9660CA



D63D78

Sweetspot

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



3F891D



95B388



89671D



48593F



D9D9D9



595959

Same Dimension

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



3F891D



3EB309



1D8931



40453E



2A8500



020500

Inverse Universe

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



671D89



7D09B3



891D75



433E45



5B0085



030005

Previews

White Background



This preview shows how the Hex color 3F891D looks on a white background.

Color Contrast Check

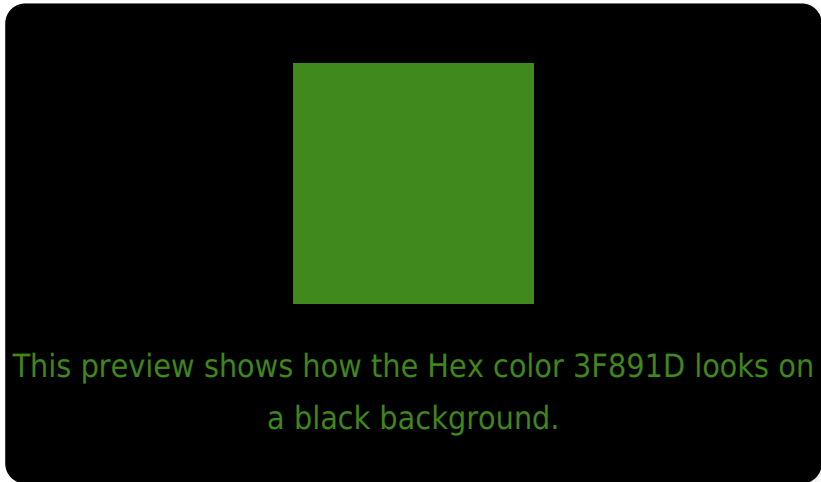
Large Text (above 18pt) WCAG AA ✓ Pass

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 3F891D Background



This preview shows how black text looks on a background with the Hex color 3F891D.



This preview shows how white text looks on a background with the Hex color 3F891D.

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
3F891D

Protanopia
877819

Deuteranopia
967228



Tritanopia
52808A

Trichromacy



Original Color
3F891D

Protanomaly
6D7E1A

Deuteranomaly
767A24

Tritanomaly
4B8362

Monochromacy



Original Color
3F891D

Achromatopsia
676767

Achromatomaly
58734C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F891D 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 #3F891D looks like.

```
.text, #text, p{  
    color:#3F891D  
}
```

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 #3F891D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F891D
}
```

Border

The CSS property to change the border of an element to Hex 3F891D 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
#3F891D }
```

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

```
.border{ border-color:#3F891D }
```

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

Here you see how a box with a 4 pixel #3F891D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F891D; -webkit-box-shadow:4px 4px  
4px 4px #3F891D; box-shadow:4px 4px 4px  
4px #3F891D }
```

Background

The CSS property to change the background color of an element to Hex 3F891D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F891D }
```

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

```
.background{ background-color:#3F891D }
```

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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