

Converting Colors

Hex(3C901F)

Have a look what the booklet for
Hex(3C901F) contains.

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Color

Hex(3C901F)

Conversions

Conversions Part 1

Format	Color
Hex	3C901F
RGB	60, 144, 31
RGB Percent	24%, 56%, 12%
CMY	0.7647, 0.4353, 0.8784
CMYK	0.58, 0.00, 0.78, 0.44
HSL	105°, 65%, 34%
HSV	105°, 78%, 56%
XYZ	12.0841, 21.0061, 4.7140
YIQ	106.0020, -13.7910, -52.9510

Conversions

Conversions Part 2

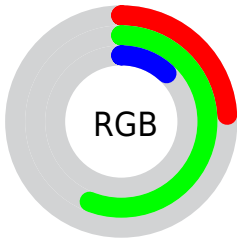
Format	Color
R_{YB}	31, 144, 115
Decimal	3969055
CIE Lab	52.96, -45.81, 48.66
CIE LCh	53, 66.831, 133.269
Yxy	21.0061, 0.3196, 0.5557
Android (android.graphics.Color)	4282159135 (0xFF3C901F)
YUV	106.0020, -36.9760, -40.3438
Hunter-Lab	45.8324, -33.1439, 25.9845

Details

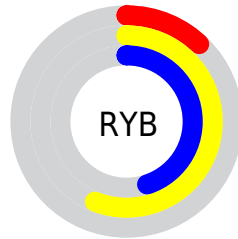
The Hex color **3C901F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **731F90**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **75C754**, and **005C00** is the 20% darker color. If you saturate the color by 10%, you get **319011**, and if you desaturate by 10%, it is **47902D**.

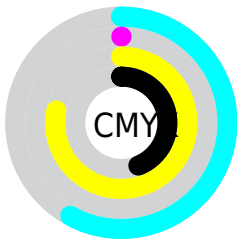
Distribution



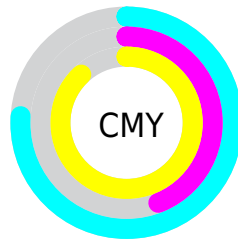
- Red (24%)
- Green (56%)
- Blue (12%)



- Red (12%)
- Yellow (56%)
- Blue (45%)



- Cyan (58%)
- Magenta (0%)
- Yellow (78%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C901F 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 3C901F by changing the saturation by 10% instead.

 3C901F

 3C901F

FFFFFF

 1B7600

 75C754

 005C00

 91E36F

 004400

 ADFF89

 002E00

 CAFFA5

 001200

 E7FFC0

 000000

 FFFFDD

 FFFFFA

 3C901F

 3C901F

■ 319011

■ 47902D

■ 279002

■ 51903C

■ 259000

■ 5C904A

■ 679059

■ 729067

■ 7C9075

■ 879084

■ 929092

■ 9C90A1

Harmonies

Analogous

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



818400



3C901F



00965B

Triad

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



3C901F



008EED



E43F67

Complementary

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



3C901F



731F90

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.



D446A1



3C901F



147DEF

Square

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



3C901F



0096CC



A062D3



D65531

Rectangle

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



3C901F



009883



A062D3



E23E7B

Sweetspot

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



3C901F



99BA8D



90721F



4A5E43



DEDEDE



5E5E5E

Same Dimension

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



3C901F



38BA0B



1F9039



424740



238700



020800

Inverse Universe

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



731F90



8D0BBA



901F76



464047



640087



060008

Previews

White Background



This preview shows how the Hex color 3C901F looks on a white background.

Color Contrast Check

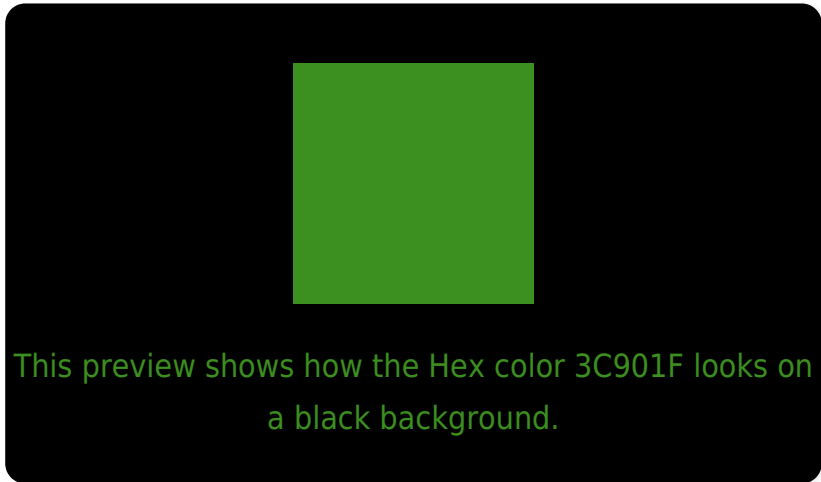
Large Text (above 18pt) WCAG AA ✓ Pass

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

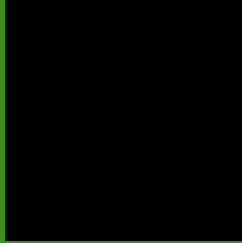
Any Text WCAG AA ✓ Pass

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 3C901F Background



This preview shows how black text looks on a background with the Hex color 3C901F.



This preview shows how white text looks on a background with the Hex color 3C901F.

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
3C901F

Protanopia
8D7E1A

Deuteranopia
9D772A



Tritanopia
528691

Trichromacy



Original Color
3C901F

Protanomaly
70851C

Deuteranomaly
7A8026

Tritanomaly
4A8A68

Monochromacy



Original Color
3C901F

Achromatopsia
6A6A6A

Achromatomaly
59784F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C901F 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 #3C901F looks like.

```
.text, #text, p{  
    color:#3C901F  
}
```

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 #3C901F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C901F
}
```

Border

The CSS property to change the border of an element to Hex 3C901F 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
#3C901F }
```

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

```
.border{ border-color:#3C901F }
```

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

Here you see how a box with a 4 pixel #3C901F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C901F; -webkit-box-shadow:4px 4px  
4px 4px #3C901F; box-shadow:4px 4px 4px  
4px #3C901F }
```

Background

The CSS property to change the background color of an element to Hex 3C901F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C901F }
```

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

```
.background{ background-color:#3C901F }
```

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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