

# Converting Colors

Hex(3F4900)

Have a look what the booklet for  
Hex(3F4900) contains.

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**Color**

**Hex(3F4900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F4900
RGB	63, 73, 0
RGB Percent	25%, 29%, 0%
CMY	0.7529, 0.7137, 1.0000
CMYK	0.14, 0.00, 1.00, 0.71
HSL	68°, 100%, 14%
HSV	68°, 100%, 29%
XYZ	4.4324, 5.8218, 0.8901
YIQ	61.6880, 17.4730, -24.8230

# Conversions

## Conversions Part 2

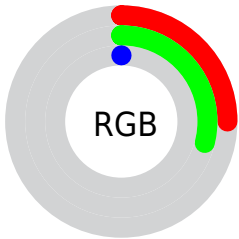
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 73, 10
Decimal	4147456
CIELab	28.96, -13.81, 37.20
CIELCh	29, 39.679, 110.375
Yxy	5.8218, 0.3977, 0.5224
Android (android.graphics.Color)	4282337536 (0xFF3F4900)
YUV	61.6880, -30.4122, 1.1506
Hunter-Lab	24.1285, -9.4342, 14.7027

# Details

The Hex color **3F4900** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A0049**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **717932**, and **0E1E00** is the 20% darker color. If you saturate the color by 10%, you get **3F4900**, and if you desaturate by 10%, it is **404907**.

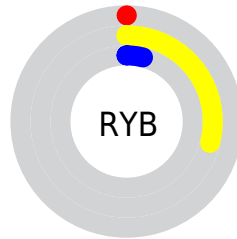
# Distribution



Red (25%)

Green (29%)

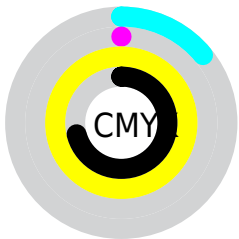
Blue (0%)



Red (0%)

Yellow (29%)

Blue (4%)

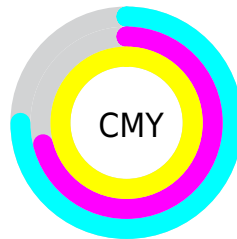


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (71%)



Cyan (75%)

Magenta (71%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4900 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 3F4900 by changing the saturation by 10% instead.




 3F4900

 3F4900

 FFFFEB

 283200

 717932

 0E1E00

 8C934B

 000000

 A7AE64

 C3C97D

 DFE598

 FCFFB3

 FFFFCE

 3F4900

■ 404907

■ 41490F

■ 424916

■ 43491D

■ 444925

■ 45492C

■ 464933

■ 47493A

■ 484942

# Harmonies

## Analogous

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



5B3F00



3F4900



164F1A

# Triad

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



3F4900



005073



76264F

# Complementary

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



3F4900



0A0049

# 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.



5F326C



3F4900



004B81

# Square

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



3F4900



005259



2F407E



7B2731

# Rectangle

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



3F4900



00512E



2F407E



71295A



# Sweetspot

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



3F4900



5A5E42



490A00



2E301F



B0B0B0



303030



# Same Dimension

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



3F4900



515E00



1B4900



232420



566300



C4E300



# Inverse Universe

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



0A0049



0D005E



2E0049



212024



0E0063



1F00E3



# Previews

## White Background



This preview shows how the Hex color 3F4900 looks on a white background.

## Color Contrast Check

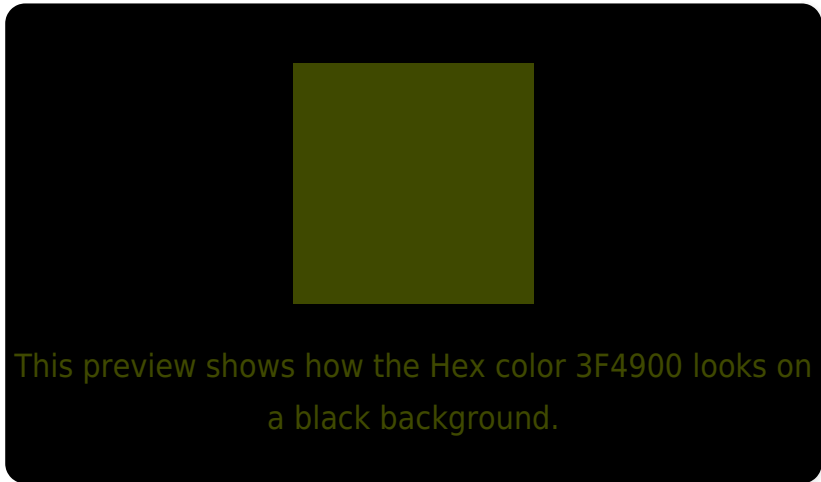
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

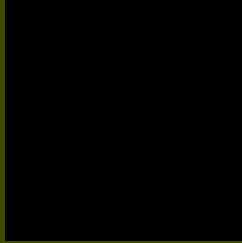
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F4900 Background



This preview shows how black text looks on a background with the Hex color 3F4900.



This preview shows how white text looks on a background with the Hex color 3F4900.

# 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**  
3F4900

**Protanopia**  
4D4500

**Deuteranopia**  
56410D



**Tritanopia**  
454449

# Trichromacy



**Original Color**  
3F4900

**Protanomaly**  
484600

**Deuteranomaly**  
4E4408

**Tritanomaly**  
43462E

# Monochromacy



**Original Color**  
3F4900

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3E4227

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4900 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 #3F4900 looks like.

```
.text, #text, p{  
    color:#3F4900  
}
```

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 #3F4900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4900
}
```

## Border

The CSS property to change the border of an element to Hex 3F4900 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
#3F4900 }
```

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

```
.border{ border-color:#3F4900 }
```

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

Here you see how a box with a 4 pixel #3F4900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4900; -webkit-box-shadow:4px 4px  
4px 4px #3F4900; box-shadow:4px 4px 4px  
4px #3F4900 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4900 }
```

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

```
.background{ background-color:#3F4900 }
```

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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