

# Converting Colors

Hex(3F4319)

Have a look what the booklet for  
Hex(3F4319) contains.

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# Color

**Hex(3F4319)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F4319
RGB	63, 67, 25
RGB Percent	25%, 26%, 10%
CMY	0.7529, 0.7373, 0.9020
CMYK	0.06, 0.00, 0.63, 0.74
HSL	66°, 46%, 18%
HSV	66°, 63%, 26%
XYZ	4.2325, 5.1413, 1.6890
YIQ	61.0160, 11.0980, -13.9100

# Conversions

## Conversions Part 2

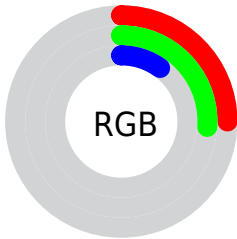
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 67, 29
Decimal	4145945
CIE Lab	27.13, -8.70, 24.49
CIE LCh	27, 25.987, 109.549
Yxy	5.1413, 0.3826, 0.4647
Android (android.graphics.Color)	4282336025 (0xFF3F4319)
YUV	61.0160, -17.7559, 1.7400
Hunter-Lab	22.6743, -6.3603, 11.4556

# Details

The Hex color **3F4319** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1D1943**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **707346**, and **101900** is the 20% darker color. If you saturate the color by 10%, you get **3E4312**, and if you desaturate by 10%, it is **404320**.

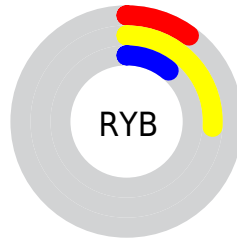
# Distribution



Red (25%)

Green (26%)

Blue (10%)



Red (10%)

Yellow (26%)

Blue (11%)

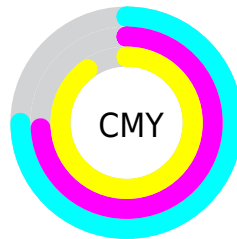


Cyan (6%)

Magenta (0%)

Yellow (63%)

Black (74%)



Cyan (75%)

Magenta (74%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F4319 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 3F4319 by changing the saturation by 10% instead.





3F4319



3F4319

FFFFFF



292D00



707346



101900



8A8C5E



000000



A4A777



C0C291



DCDEAC



F9FAC7



FFFFE3



3F4319



3F4319

■ 3E4312

■ 404320

■ 3E430C

■ 404326

■ 3D4305

■ 41432D

■ 3D4300

■ 424334

■ 42433B

■ 434341

■ 434348

■ 44434F

■ 454355

# Harmonies

## Analogous

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



523D18



3F4319



284725

# Triad

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



3F4319



00485E



613048

# Complementary

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



3F4319



1D1943

# 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.



52365A



3F4319



004467

# Square

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



3F4319



004A4D



363E66



653034

# Rectangle

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



3F4319



124932



363E66



5D314E



# Sweetspot

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



3F4319



555746



431D19



2A2B21



ABABAB



2B2B2B



# Same Dimension

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



3F4319



515716



2B4319



21211E



586100



CBE000



# Inverse Universe

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



1D1943



1C1657



311943



1E1E21



090061



1500E0



# Previews

## White Background



This preview shows how the Hex color 3F4319 looks on a white background.

## Color Contrast Check

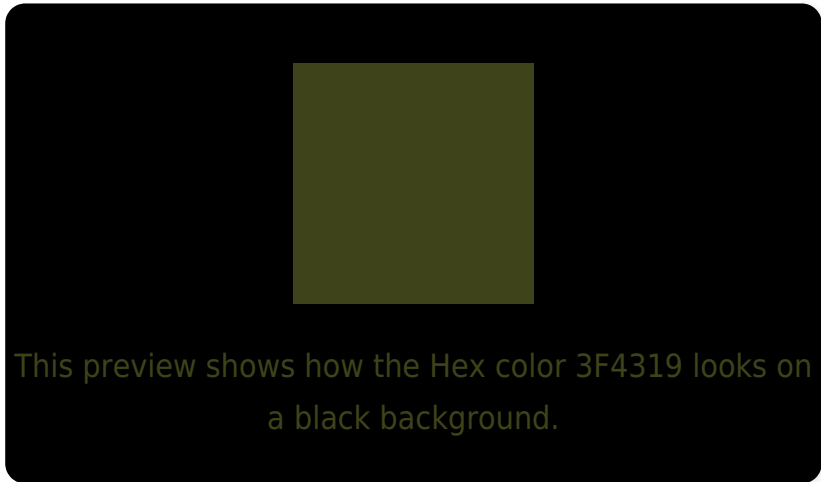
Large Text (above 18pt) WCAG AA ✓ Pass

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

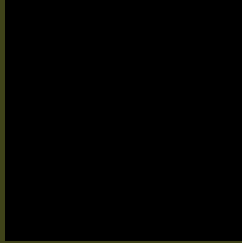
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F4319 Background



This preview shows how black text looks on a background with the Hex color 3F4319.



This preview shows how white text looks on a background with the Hex color 3F4319.

# 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**  
3F4319

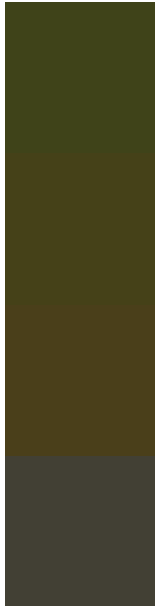
**Protanopia**  
484018

**Deuteranopia**  
503D1B



**Tritanopia**  
433F44

# Trichromacy



**Original Color**  
3F4319

**Protanomaly**  
454118

**Deuteranomaly**  
4A3F1A

**Tritanomaly**  
424034

# Monochromacy



**Original Color**  
3F4319

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3E3F30

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F4319 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 #3F4319 looks like.

```
.text, #text, p{  
    color:#3F4319  
}
```

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 #3F4319 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F4319
}
```

## Border

The CSS property to change the border of an element to Hex 3F4319 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".

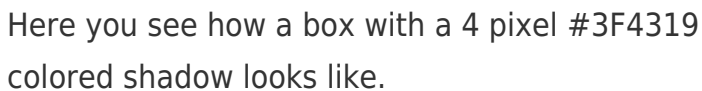
```
.border, #border, table{ border:4px solid
#3F4319 }
```

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

```
.border{ border-color:#3F4319 }
```

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

Here you see how a box with a 4 pixel #3F4319 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F4319; -webkit-box-shadow:4px 4px  
4px 4px #3F4319; box-shadow:4px 4px 4px  
4px #3F4319 }
```

# Background

The CSS property to change the background color of an element to Hex 3F4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F4319 }
```

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

```
.background{ background-color:#3F4319 }
```

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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