

# Converting Colors

Hex(3E4913)

Have a look what the booklet for  
Hex(3E4913) contains.

<b>Hex(3E4913)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3E4913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E4913
RGB	62, 73, 19
RGB Percent	24%, 29%, 7%
CMY	0.7569, 0.7137, 0.9255
CMYK	0.15, 0.00, 0.74, 0.71
HSL	72°, 59%, 18%
HSV	72°, 74%, 29%
XYZ	4.4867, 5.8362, 1.5061
YIQ	63.5550, 10.7780, -19.1260

# Conversions

## Conversions Part 2

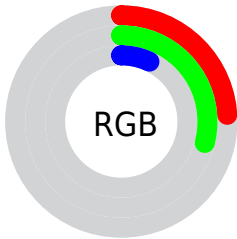
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 73, 30
Decimal	4081939
CIELab	29.00, -13.24, 29.57
CIELCh	29, 32.399, 114.126
Yxy	5.8362, 0.3793, 0.4934
Android (android.graphics.Color)	4282272019 (0xFF3E4913)
YUV	63.5550, -21.9656, -1.3637
Hunter-Lab	24.1583, -9.1259, 13.2144

# Details

The Hex color **3E4913** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1E1349**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6F7A41**, and **0F1E00** is the 20% darker color. If you saturate the color by 10%, you get **3D490C**, and if you desaturate by 10%, it is **3F491A**.

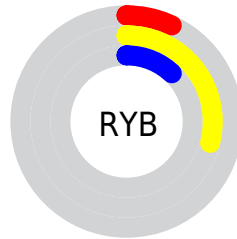
# Distribution



Red (24%)

Green (29%)

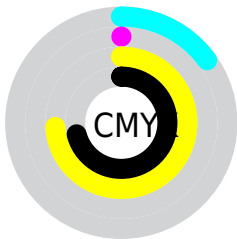
Blue (7%)



Red (7%)

Yellow (29%)

Blue (12%)

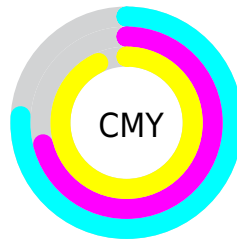


Cyan (15%)

Magenta (0%)

Yellow (74%)

Black (71%)



Cyan (76%)

Magenta (71%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4913 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 3E4913 by changing the saturation by 10% instead.



 3E4913

 3E4913

 FFFFFB

 283200

 6F7A41

 0F1E00

 899359

 000000

 A4AE72

 C0C98C

 DCE5A7

 F9FFC2

 FFFFDE

 3E4913

 3E4913

■ 3D490C

■ 3F491A

■ 3B4904

■ 414922

■ 3A4900

■ 424929

■ 444930

■ 454937

■ 47493F

■ 484946

■ 4A494D

■ 4B4955

# Harmonies

## Analogous

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



56410F



3E4913



1E4E26

# Triad

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



3E4913



004E6C



6F2E4A

# Complementary

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



3E4913



1E1349

# 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.



5E3562



3E4913



004976

# Square

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



3E4913



005058



3D4072



722F31

# Rectangle

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



3E4913



005036



3D4072



6B3053



# Sweetspot

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



3E4913



5A5E4A



491E13



2E3024



B0B0B0



303030



# Same Dimension

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



3E4913



4D5E0A



234913



232420



4F6300



B5E300



# Inverse Universe

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



1E1349



1B0A5E



391349



212024



140063



2E00E3



# Previews

## White Background



This preview shows how the Hex color 3E4913 looks on a white background.

## Color Contrast Check

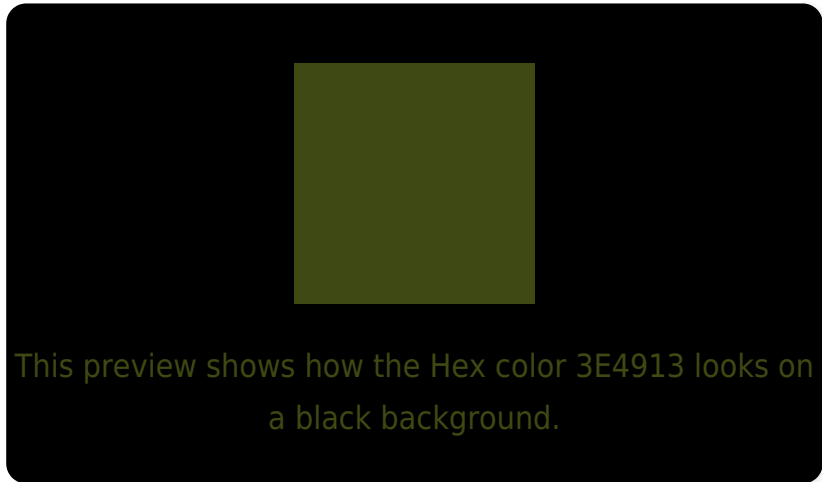
Large Text (above 18pt) WCAG AA ✓ Pass

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

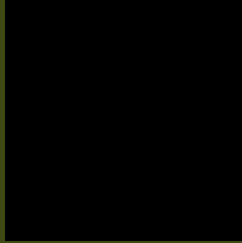
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E4913 Background



This preview shows how black text looks on a background with the Hex color 3E4913.



This preview shows how white text looks on a background with the Hex color 3E4913.

# 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](#).

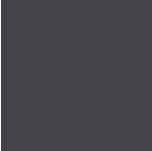
## Dichromacy



**Original Color**  
3E4913

**Protanopia**  
4D4412

**Deuteranopia**  
564116



**Tritanopia**  
434449

# Trichromacy



**Original Color**  
3E4913

**Protanomaly**  
484612

**Deuteranomaly**  
4D4415

**Tritanomaly**  
414635

# Monochromacy



**Original Color**  
3E4913

**Achromatopsia**  
404040

**Achromatomaly**  
3F4330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4913 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 #3E4913 looks like.

```
.text, #text, p{  
    color:#3E4913  
}
```

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 #3E4913 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4913
}
```

## Border

The CSS property to change the border of an element to Hex 3E4913 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
#3E4913 }
```

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

```
.border{ border-color:#3E4913 }
```

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

Here you see how a box with a 4 pixel #3E4913 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4913; -webkit-box-shadow:4px 4px  
4px 4px #3E4913; box-shadow:4px 4px 4px  
4px #3E4913 }
```

# Background

The CSS property to change the background color of an element to Hex 3E4913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4913 }
```

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

```
.background{ background-color:#3E4913 }
```

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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