

# Converting Colors

Hex(3C4038)

Have a look what the booklet for  
Hex(3C4038) contains.

<b>Hex(3C4038)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3C4038)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C4038
RGB	60, 64, 56
RGB Percent	24%, 25%, 22%
CMY	0.7647, 0.7490, 0.7804
CMYK	0.06, 0.00, 0.12, 0.75
HSL	90°, 7%, 24%
HSV	90°, 12%, 25%
XYZ	4.4107, 4.9130, 4.4572
YIQ	61.8920, 0.1840, -3.3360

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 64, 60
Decimal	3948600
CIE <sub>Lab</sub>	26.49, -3.45, 4.32
CIE <sub>LCh</sub>	26, 5.530, 128.593
Yxy	4.9130, 0.3201, 0.3565
Android (android.graphics.Color)	4282138680 (0xFF3C4038)
YUV	61.8920, -2.9048, -1.6593
Hunter-Lab	22.1652, -3.2692, 3.5930

# Details

The Hex color **3C4038** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3840**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6B7067**, and **12160D** is the 20% darker color. If you saturate the color by 10%, you get **394032**, and if you desaturate by 10%, it is **3F403E**.

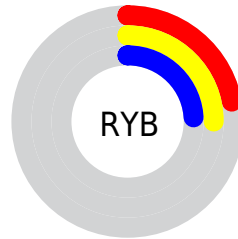
# Distribution



Red (24%)

Green (25%)

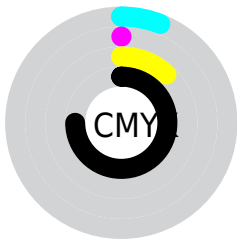
Blue (22%)



Red (22%)

Yellow (25%)

Blue (24%)

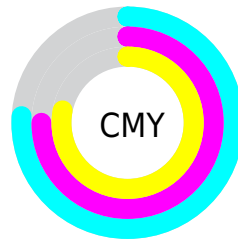


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C4038 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 3C4038 by changing the saturation by 10% instead.





3C4038



3C4038

FFFFFF



262A23



6B7067



12160D



858980



000000



9FA39A



BABEB5



D5DAD0



F2F7EC



3C4038



3C4038



394032



3F403E

■ 36402B

■ 424045

■ 324025

■ 46404B

■ 2F401E

■ 494052

■ 2C4018

■ 4C4058

■ 294012

■ 4F405E

■ 26400B

■ 524065

■ 224005

■ 56406B

■ 204000

■ 594072

# Harmonies

## Analogous

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



413F36



3C4038



37413B

# Triad

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



3C4038



374046



483C3E

# Complementary

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



3C4038



3C3840

# 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.



453C42



3C4038



3C3F47

# Square

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



3C4038



344144



413D45



473C3A

# Rectangle

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



3C4038



35413E



413D45



473C3F



# Sweetspot

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



3C4038



525451



403C38



2A2B29



ABABAB



2B2B2B



# Same Dimension

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



3C4038



4E5448



384038



1F211E



306100



70E000



# Inverse Universe

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



3C3840



4E4854



403840



1F1E21



300061

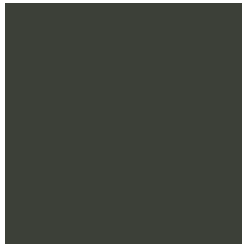


7000E0



# Previews

## White Background



This preview shows how the Hex color 3C4038 looks on a white background.

## Color Contrast Check

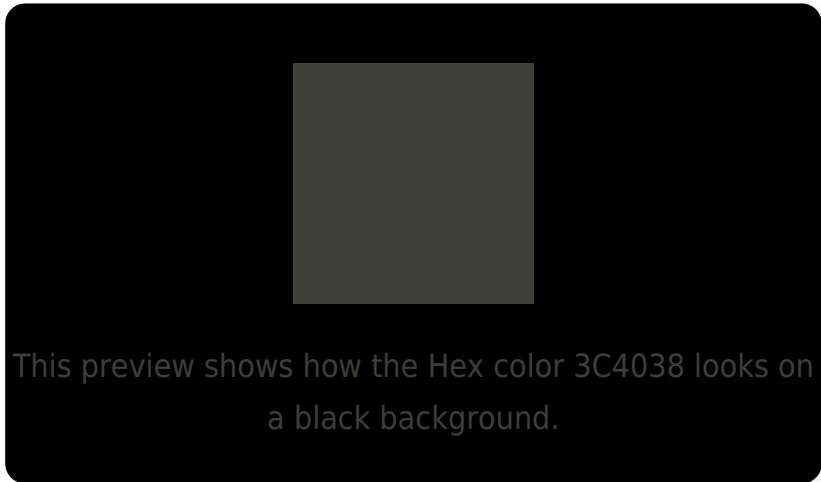
Large Text (above 18pt) WCAG AA ✓ Pass

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

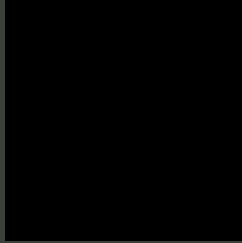
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

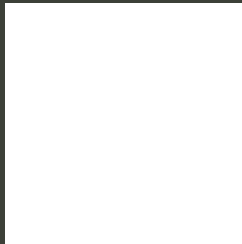
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C4038 Background



This preview shows how black text looks on a background with the Hex color 3C4038.



This preview shows how white text looks on a background with the Hex color 3C4038.

# 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**  
3C4038

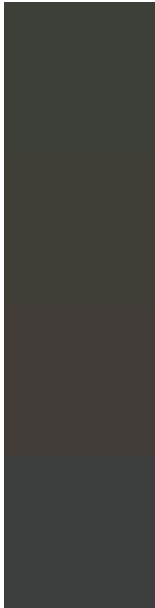
**Protanopia**  
413E37

**Deuteranopia**  
473C39



**Tritanopia**  
3E3E43

# Trichromacy



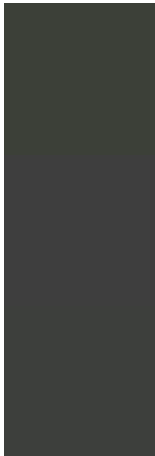
**Original Color**  
3C4038

**Protanomaly**  
3F3F37

**Deuteranomaly**  
433D39

**Tritanomaly**  
3D3F3F

# Monochromacy



**Original Color**  
3C4038

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3D3F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C4038 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 #3C4038 looks like.

```
.text, #text, p{  
    color:#3C4038  
}
```

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 #3C4038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4038
}
```

## Border

The CSS property to change the border of an element to Hex 3C4038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

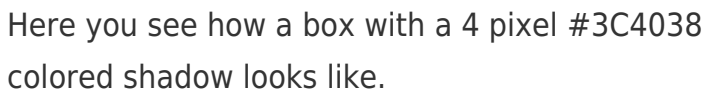
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4038 }
```

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

```
.border{ border-color:#3C4038 }
```

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



Here you see how a box with a 4 pixel #3C4038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4038; -webkit-box-shadow:4px 4px  
4px 4px #3C4038; box-shadow:4px 4px 4px  
4px #3C4038 }
```

# Background

The CSS property to change the background color of an element to Hex 3C4038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4038 }
```

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

```
.background{ background-color:#3C4038 }
```

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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