

# Converting Colors

Hex(3C4026)

Have a look what the booklet for  
Hex(3C4026) contains.

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# Color

**Hex(3C4026)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C4026
RGB	60, 64, 38
RGB Percent	24%, 25%, 15%
CMY	0.7647, 0.7490, 0.8510
CMYK	0.06, 0.00, 0.41, 0.75
HSL	69°, 25%, 20%
HSV	69°, 41%, 25%
XYZ	4.0467, 4.7674, 2.5406
YIQ	59.8400, 5.9620, -8.9340

# Conversions

## Conversions Part 2

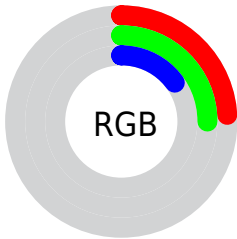
<b>Format</b>	<b>Color</b>
<b>RYB</b>	38, 64, 42
Decimal	3948582
CIELab	26.06, -6.71, 15.37
CIELCh	26, 16.769, 113.578
Yxy	4.7674, 0.3564, 0.4199
Android (android.graphics.Color)	4282138662 (0xFF3C4026)
YUV	59.8400, -10.7671, 0.1403
Hunter-Lab	21.8344, -5.1274, 8.3851

# Details

The Hex color **3C4026** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A2640**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6C7053**, and **101600** is the 20% darker color. If you saturate the color by 10%, you get **3B4020**, and if you desaturate by 10%, it is **3D402C**.

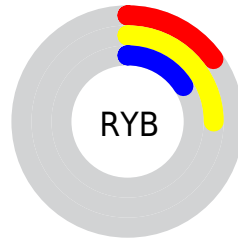
# Distribution



Red (24%)

Green (25%)

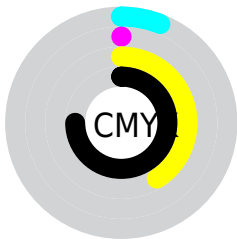
Blue (15%)



Red (15%)

Yellow (25%)

Blue (16%)

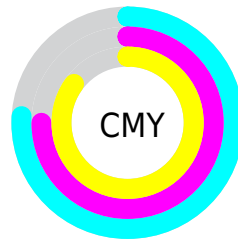


Cyan (6%)

Magenta (0%)

Yellow (41%)

Black (75%)



Cyan (76%)

Magenta (75%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C4026 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 3C4026 by changing the saturation by 10% instead.





3C4026



3C4026

FFFFFF



262A11



6C7053



101600



85896C



000000



A0A385



BBBE9F



D6DABA



F3F7D6



FFFFFF2



3C4026



3C4026

■ 3B4020

■ 3D402C

■ 3A4019

■ 3E4033

■ 394013

■ 3F4039

■ 38400C

■ 404040

■ 374006

■ 414046

■ 364000

■ 42404C

■ 434053

■ 444059

■ 454060

# Harmonies

## Analogous

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



493C24



3C4026



2D432E

# Triad

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



3C4026



154352



553441

# Complementary

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



3C4026



2A2640

# 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.



4B374D



3C4026



284057

# Square

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



3C4026



114447



3B3B55



573534

# Rectangle

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



3C4026



234436



3B3B55



523545



# Sweetspot

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



3C4026



53544A



402A26



2A2B25



ABABAB



2B2B2B



# Same Dimension

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



3C4026



4E542B



2F4026



21211E



526100



BEE000



# Inverse Universe

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



2A2640



312B54



372640



1E1E21



0F0061



2300E0



# Previews

## White Background



This preview shows how the Hex color 3C4026 looks on a white background.

## Color Contrast Check

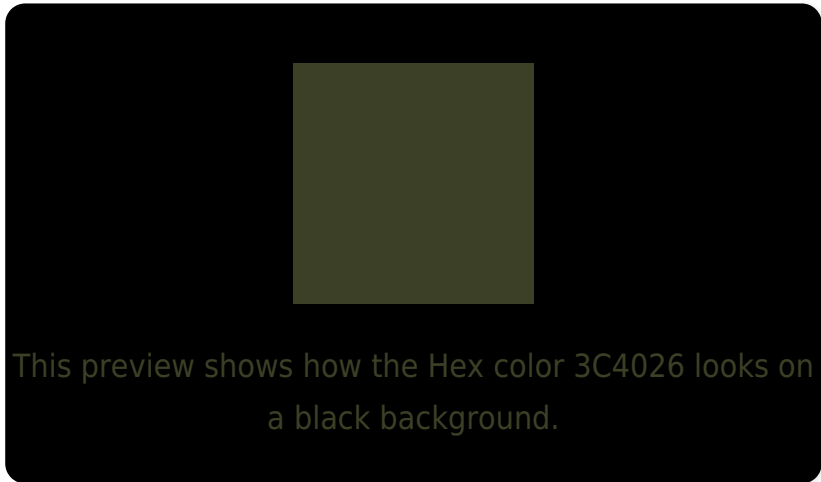
Large Text (above 18pt) WCAG AA ✓ Pass

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

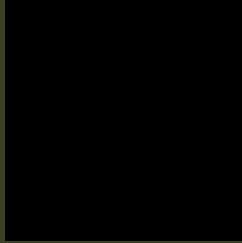
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

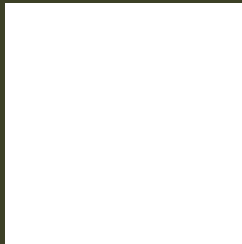
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C4026 Background



This preview shows how black text looks on a background with the Hex color 3C4026.

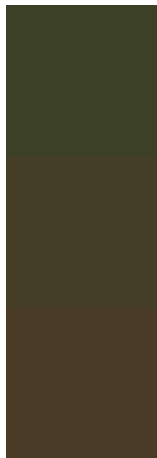


This preview shows how white text looks on a background with the Hex color 3C4026.

# 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**  
3C4026

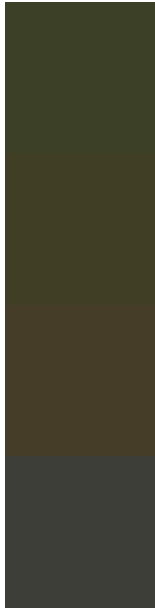
**Protanopia**  
433E25

**Deuteranopia**  
4A3B27



**Tritanopia**  
3F3D42

# Trichromacy



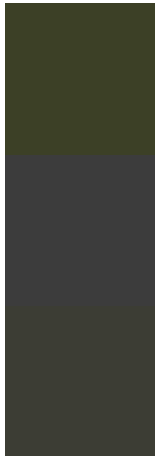
**Original Color**  
3C4026

**Protanomaly**  
403F25

**Deuteranomaly**  
453D27

**Tritanomaly**  
3E3E38

# Monochromacy



**Original Color**  
3C4026

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
3C3D34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C4026 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 #3C4026 looks like.

```
.text, #text, p{  
    color:#3C4026  
}
```

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 #3C4026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4026
}
```

## Border

The CSS property to change the border of an element to Hex 3C4026 is called "border". The border property can be set on classes, ids or directly on the HTML element.

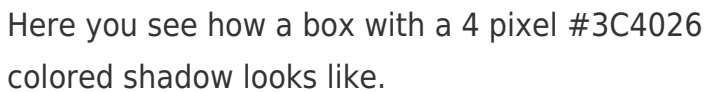
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C4026 }
```

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

```
.border{ border-color:#3C4026 }
```

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



Here you see how a box with a 4 pixel #3C4026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4026; -webkit-box-shadow:4px 4px  
4px 4px #3C4026; box-shadow:4px 4px 4px  
4px #3C4026 }
```

# Background

The CSS property to change the background color of an element to Hex 3C4026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4026 }
```

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

```
.background{ background-color:#3C4026 }
```

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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