

Converting Colors

Hex(3C4013)

Have a look what the booklet for
Hex(3C4013) contains.

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Color

Hex(3C4013)

Conversions

Conversions Part 1

Format	Color
Hex	3C4013
RGB	60, 64, 19
RGB Percent	24%, 25%, 7%
CMY	0.7647, 0.7490, 0.9255
CMYK	0.06, 0.00, 0.70, 0.75
HSL	65°, 54%, 16%
HSV	65°, 70%, 25%
XYZ	3.8144, 4.6745, 1.3173
YIQ	57.6740, 12.0610, -14.8430

Conversions

Conversions Part 2

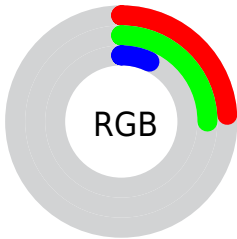
Format	Color
R_{YB}	19, 64, 23
Decimal	3948563
CIE Lab	25.79, -8.93, 26.13
CIE LCh	26, 27.615, 108.864
Yxy	4.6745, 0.3890, 0.4767
Android (android.graphics.Color)	4282138643 (0xFF3C4013)
YUV	57.6740, -19.0663, 2.0399
Hunter-Lab	21.6205, -6.3439, 11.5219

Details

The Hex color **3C4013** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **171340**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6D7040**, and **091600** is the 20% darker color. If you saturate the color by 10%, you get **3B400D**, and if you desaturate by 10%, it is **3D4019**.

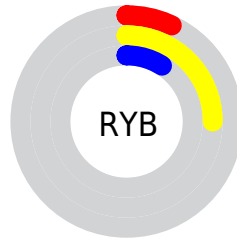
Distribution



 Red (24%)

 Green (25%)

 Blue (7%)





 Red (7%)

 Yellow (25%)

 Blue (9%)

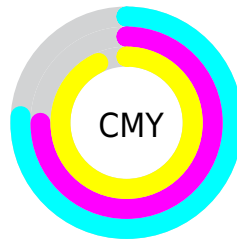


 Cyan (6%)

 Magenta (0%)

 Yellow (70%)

 Black (75%)



 Cyan (76%)

 Magenta (75%)

 Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4013 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 3C4013 by changing the saturation by 10% instead.

 3C4013

 3C4013

 FFFFF9

 262A00

 6D7040

 091600

 878958

 000000

 A1A371

 BDBE8A

 D9DAA5

 F5F6C0

 FFFFDC

 3C4013

 3C4013

■ 3B400D

■ 3D4019

■ 3B4006

■ 3D4020

■ 3A4000

■ 3E4026

■ 3E402D

■ 3F4033

■ 3F4039

■ 404040

■ 414046

■ 41404D

Harmonies

Analogous

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



4F3912



3C4013



234520

Triad

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



3C4013



00465C



602C46

Complementary

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



3C4013



171340

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.



4F3259



3C4013



004266

Square

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



3C4013



00474A



313B65



642B31

Rectangle

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



3C4013



08462D



313B65



5B2D4D

Sweetspot

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



3C4013



535442



401713



2A2B21



ABABAB



2B2B2B

Same Dimension

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



3C4013



4E540D



264013



21211E



586100



CCE000

Inverse Universe

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



171340



140D54



2D1340



1E1E21



090061



1400E0

Previews

White Background



This preview shows how the Hex color 3C4013 looks on a white background.

Color Contrast Check

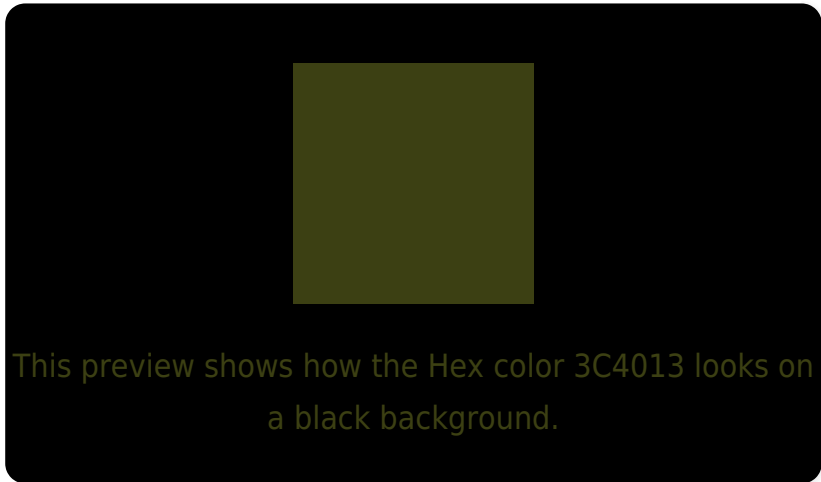
Large Text (above 18pt) WCAG AA ✓ Pass

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

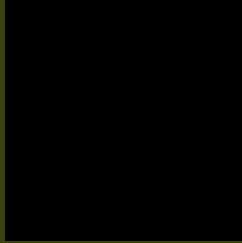
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

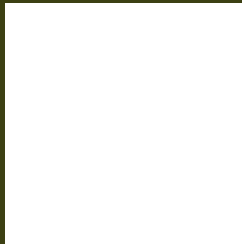
Any Text WCAG AAA × Fail

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

Hex 3C4013 Background



This preview shows how black text looks on a background with the Hex color 3C4013.



This preview shows how white text looks on a background with the Hex color 3C4013.

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
3C4013

Protanopia
453D12

Deuteranopia
4C3A15



Tritanopia
403C40

Trichromacy



Original Color
3C4013

Protanomaly
423E12

Deuteranomaly
463C14

Tritanomaly
3F3D30

Monochromacy



Original Color
3C4013

Achromatopsia
3A3A3A

Achromatomaly
3B3C2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4013 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 #3C4013 looks like.

```
.text, #text, p{  
    color:#3C4013  
}
```

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 #3C4013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4013
}
```

Border

The CSS property to change the border of an element to Hex 3C4013 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
#3C4013 }
```

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

```
.border{ border-color:#3C4013 }
```

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

Here you see how a box with a 4 pixel #3C4013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4013; -webkit-box-shadow:4px 4px  
4px 4px #3C4013; box-shadow:4px 4px 4px  
4px #3C4013 }
```

Background

The CSS property to change the background color of an element to Hex 3C4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4013 }
```

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

```
.background{ background-color:#3C4013 }
```

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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