

Converting Colors

Hex(3C4046)

Have a look what the booklet for
Hex(3C4046) contains.

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Color

Hex(3C4046)

Conversions

Conversions Part 1

Format	Color
Hex	3C4046
RGB	60, 64, 70
RGB Percent	24%, 25%, 27%
CMY	0.7647, 0.7490, 0.7255
CMYK	0.14, 0.09, 0.00, 0.73
HSL	216°, 8%, 25%
HSV	216°, 14%, 27%
XYZ	4.8024, 5.0696, 6.5198
YIQ	63.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

Format	Color
RYB	60, 63, 70
Decimal	3948614
CIELab	26.93, -0.21, -4.22
CIELCh	27, 4.229, 267.189
Yxy	5.0696, 0.2930, 0.3093
Android (android.graphics.Color)	4282138694 (0xFF3C4046)
YUV	63.4880, 3.2104, -3.0590
Hunter-Lab	22.5159, -1.3309, -1.4071

Details

The Hex color **3C4046** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **46423C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6B7076**, and **12161B** is the 20% darker color. If you saturate the color by 10%, you get **353C46**, and if you desaturate by 10%, it is **434446**.

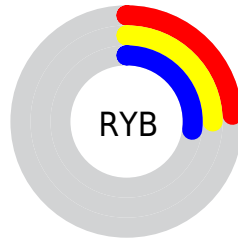
Distribution



Red (24%)

Green (25%)

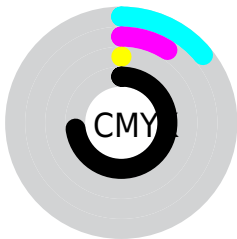
Blue (27%)



Red (24%)

Yellow (25%)

Blue (27%)

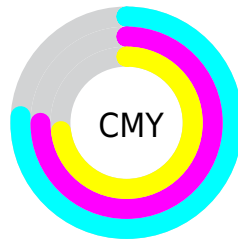


Cyan (14%)

Magenta (9%)

Yellow (0%)

Black (73%)



Cyan (76%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C4046 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 3C4046 by changing the saturation by 10% instead.

■ 3C4046

■ 3C4046

FFFFFF

■ 262A30

■ 6B7076

■ 12161B

■ 858990

■ 000000

■ 9FA3AA

■ BABEC6

■ D5DAE2

■ F2F7FE

■ 3C4046

■ 3C4046

■ 353C46

■ 434446

■ 2E3846

■ 4A4846

■ 273346

■ 514D46

■ 202F46

■ 585146

■ 192B46

■ 5F5546

■ 122746

■ 665946

■ 0B2346

■ 6D5D46

■ 041E46

■ 746246

■ 001C46

■ 7B6646

Harmonies

Analogous

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



394145



3C4046



403F45

Triad

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



3C4046



473E3D



3B413C

Complementary

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



3C4046



46423C

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.



3F403A



3C4046



453E3A

Square

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



3C4046



463E40



433F39



39423F

Rectangle

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



3C4046



433E44



433F39



3D413B

Sweetspot

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



3C4046



585A5C



3C4642



2C2D2E



ADADAD



2E2E2E

Same Dimension

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



3C4046



4C525C



3D3C46



202224



002863



005BE3

Inverse Universe

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



463C40



5C4C52



45463C



242022



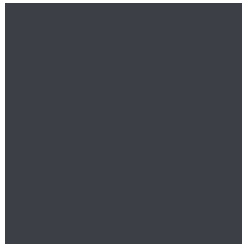
630028



E3005B

Previews

White Background



This preview shows how the Hex color 3C4046 looks on a white background.

Color Contrast Check

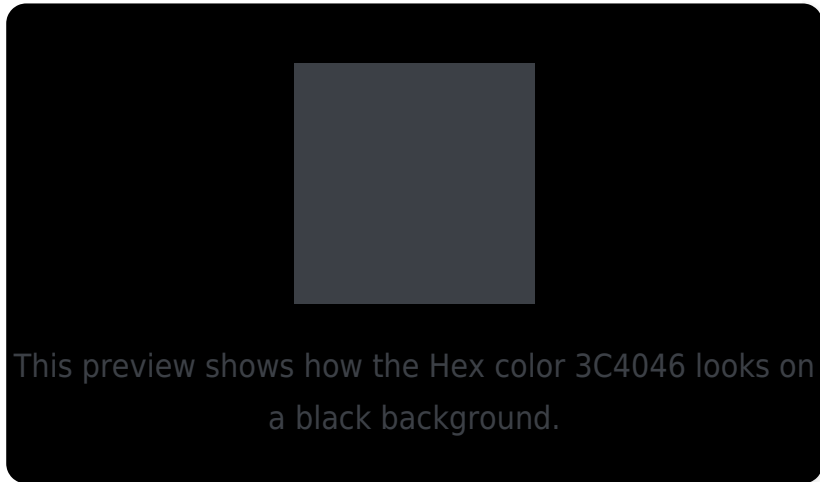
Large Text (above 18pt) WCAG AA ✓ Pass

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

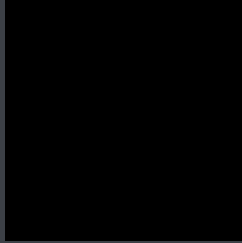
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

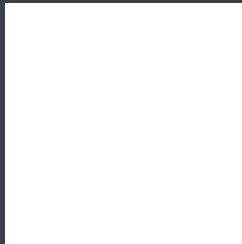
Any Text WCAG AAA × Fail

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

Hex 3C4046 Background



This preview shows how black text looks on a background with the Hex color 3C4046.

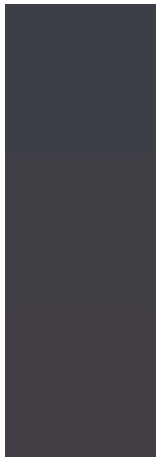


This preview shows how white text looks on a background with the Hex color 3C4046.

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
3C4046

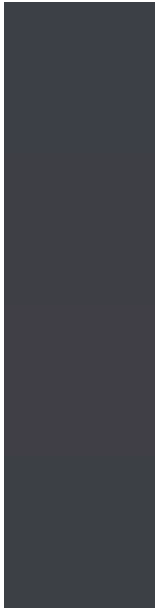
Protanopia
3F3F45

Deuteranopia
433E46



Tritanopia
3C4045

Trichromacy



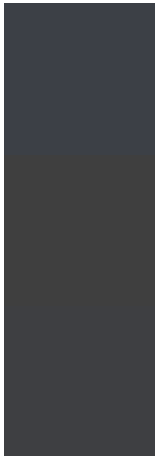
Original Color
3C4046

Protanomaly
3E3F45

Deuteranomaly
403F46

Tritanomaly
3C4045

Monochromacy



Original Color
3C4046

Achromatopsia
3F3F3F

Achromatomaly
3E3F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C4046 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 #3C4046 looks like.

```
.text, #text, p{  
    color:#3C4046  
}
```

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 #3C4046 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C4046
}
```

Border

The CSS property to change the border of an element to Hex 3C4046 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
#3C4046 }
```

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

```
.border{ border-color:#3C4046 }
```

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

Here you see how a box with a 4 pixel #3C4046 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C4046; -webkit-box-shadow:4px 4px  
4px 4px #3C4046; box-shadow:4px 4px 4px  
4px #3C4046 }
```

Background

The CSS property to change the background color of an element to Hex 3C4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C4046 }
```

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

```
.background{ background-color:#3C4046 }
```

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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