

Converting Colors

Hex(3C3C40)

Have a look what the booklet for
Hex(3C3C40) contains.

Hex(3C3C40)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C3C40)

Conversions

Conversions Part 1

Format	Color
Hex	3C3C40
RGB	60, 60, 64
RGB Percent	24%, 24%, 25%
CMY	0.7647, 0.7647, 0.7490
CMYK	0.06, 0.06, 0.00, 0.75
HSL	240°, 3%, 24%
HSV	240°, 6%, 25%
XYZ	4.4048, 4.5625, 5.4990
YIQ	60.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

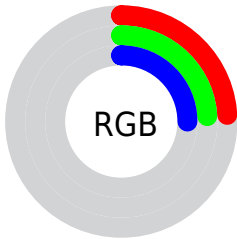
Format	Color
RYB	60, 60, 64
Decimal	3947584
CIELab	25.45, 0.93, -2.46
CIELCh	25, 2.632, 290.732
Yxy	4.5625, 0.3045, 0.3154
Android (android.graphics.Color)	4282137664 (0xFF3C3C40)
YUV	60.4560, 1.7472, -0.3999
Hunter-Lab	21.3601, -0.5710, -0.3117

Details

The Hex color **3C3C40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40403C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B6B70**, and **121216** is the 20% darker color. If you saturate the color by 10%, you get **363640**, and if you desaturate by 10%, it is **424240**.

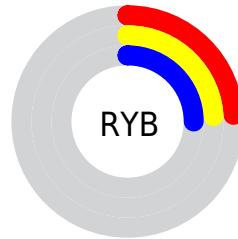
Distribution



Red (24%)

Green (24%)

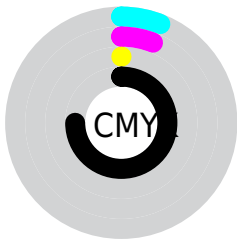
Blue (25%)



Red (24%)

Yellow (24%)

Blue (25%)

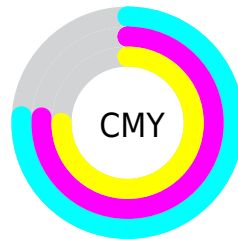


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (75%)



Cyan (76%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3C40 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 3C3C40 by changing the saturation by 10% instead.

■ 3C3C40

■ 3C3C40

FFFFFF

■ 26262A

■ 6B6B70

■ 121216

■ 848489

■ 000000

■ 9F9FA3

■ B9B9BE

■ D5D5DA

■ F2F1F7

■ 3C3C40

■ 3C3C40

■ 363640

■ 424240

■ 2F2F40

■ 494940

■ 292940

■ 4F4F40

■ 222240

■ 565640

■ 1C1C40

■ 5C5C40

■ 161640

■ 626240

■ 0F0F40

■ 696940

■ 090940

■ 6F6F40

■ 020240

■ 767640

Harmonies

Analogous

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



3A3D40



3C3C40



3E3B3F

Triad

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



3C3C40



403B39



383D3C

Complementary

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



3C3C40



40403C

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.



3A3D3A



3C3C40



3F3C38

Square

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



3C3C40



413B3B



3C3D39



383E3E

Rectangle

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



3C3C40



403B3E



3C3D39



393D3B

Sweetspot

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



3C3C40



525254



3C4040



2A2A2B



ABABAB



2B2B2B

Same Dimension

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



3C3C40



4D4D54



3E3C40



1E1E21



000061



0000E0

Inverse Universe

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



403C40



544D54



3E403C



211E21



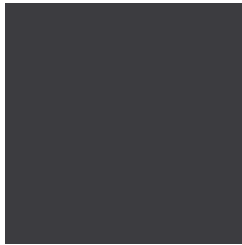
610061



E000E0

Previews

White Background



This preview shows how the Hex color 3C3C40 looks on a white background.

Color Contrast Check

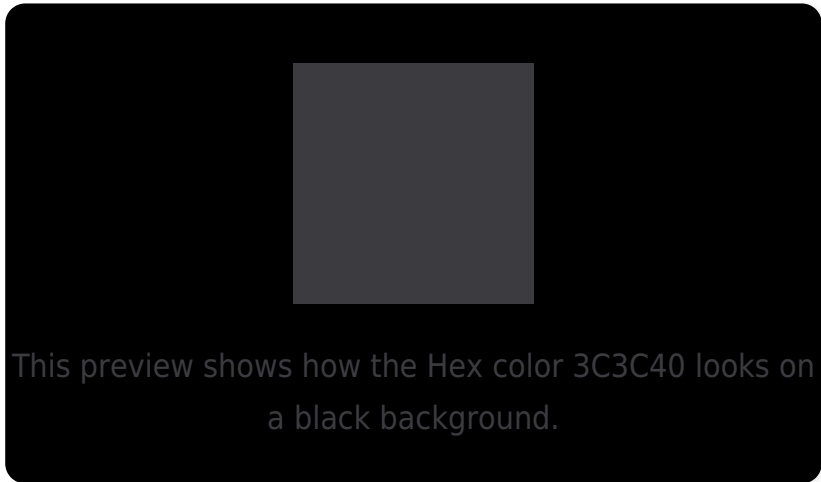
Large Text (above 18pt) WCAG AA ✓ Pass

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

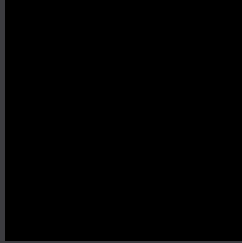
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

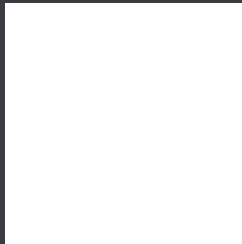
Any Text WCAG AAA × Fail

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

Hex 3C3C40 Background



This preview shows how black text looks on a background with the Hex color 3C3C40.



This preview shows how white text looks on a background with the Hex color 3C3C40.

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
3C3C40

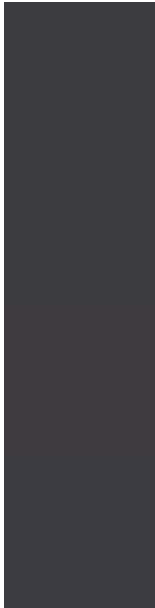
Protanopia
3C3C40

Deuteranopia
403B40



Tritanopia
3C3C41

Trichromacy



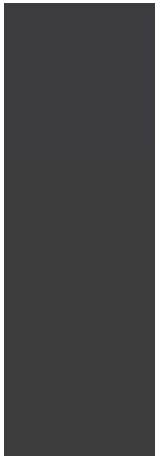
Original Color
3C3C40

Protanomaly
3C3C40

Deuteranomaly
3F3B40

Tritanomaly
3C3C41

Monochromacy



Original Color
3C3C40

Achromatopsia
3C3C3C

Achromatomaly
3C3C3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3C40 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 #3C3C40 looks like.

```
.text, #text, p{  
    color:#3C3C40  
}
```

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 #3C3C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3C40
}
```

Border

The CSS property to change the border of an element to Hex 3C3C40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

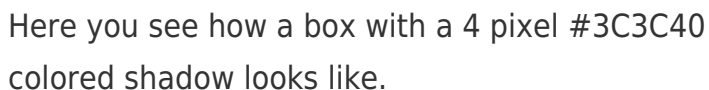
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3C40 }
```

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

```
.border{ border-color:#3C3C40 }
```

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



Here you see how a box with a 4 pixel #3C3C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3C40; -webkit-box-shadow:4px 4px  
4px 4px #3C3C40; box-shadow:4px 4px 4px  
4px #3C3C40 }
```

Background

The CSS property to change the background color of an element to Hex 3C3C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3C40 }
```

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

```
.background{ background-color:#3C3C40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor