

# Converting Colors

Hex(3D3C40)

Have a look what the booklet for  
Hex(3D3C40) contains.

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# Color

Hex(3D3C40)

# Conversions

## Conversions Part 1

Format	Color
Hex	3D3C40
RGB	61, 60, 64
RGB Percent	24%, 24%, 25%
CMY	0.7608, 0.7647, 0.7490
CMYK	0.05, 0.06, 0.00, 0.75
HSL	255°, 3%, 24%
HSV	255°, 6%, 25%
XYZ	4.4657, 4.5940, 5.5018
YIQ	60.7550, -0.6880, 1.4560

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 60, 64
Decimal	4013120
CIELab	25.55, 1.35, -2.31
CIELCh	26, 2.674, 300.249
Yxy	4.5940, 0.3067, 0.3155
Android (android.graphics.Color)	4282203200 (0xFF3D3C40)
YUV	60.7550, 1.5998, 0.2149
Hunter-Lab	21.4336, -0.3178, -0.2158

# Details

The Hex color **3D3C40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F403C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6C6B70**, and **131216** is the 20% darker color. If you saturate the color by 10%, you get **383640**, and if you desaturate by 10%, it is **424240**.

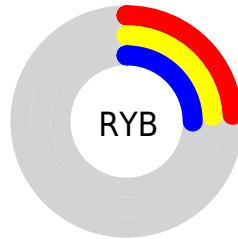
# Distribution



Red (24%)

Green (24%)

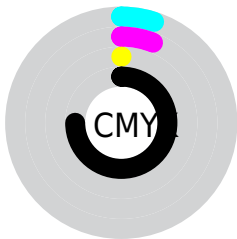
Blue (25%)



Red (24%)

Yellow (24%)

Blue (25%)

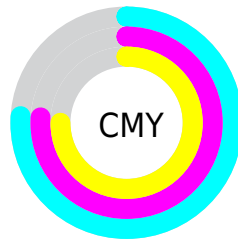


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (75%)



Cyan (76%)

Magenta (76%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D3C40 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 3D3C40 by changing the saturation by 10% instead.





3D3C40



3D3C40

FFFFFF



27262A



6C6B70



131216



868489



000000



A09FA3



BBB9BE



D6D5DA



F3F2F7



3D3C40



3D3C40



383640



424240

■ 332F40

■ 474940

■ 2F2940

■ 4B4F40

■ 2A2240

■ 505640

■ 251C40

■ 555C40

■ 201640

■ 5A6240

■ 1B0F40

■ 5F6940

■ 170940

■ 636F40

■ 120240

■ 687640

# Harmonies

## Analogous

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



3B3D41



3D3C40



3F3B3F

# Triad

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



3D3C40



403C39



383E3C

# Complementary

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



3D3C40



3F403C

# 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.



3A3E3A



3D3C40



3E3C39

# Square

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



3D3C40



413B3B



3C3D39



383E3E

# Rectangle

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



3D3C40



403B3D



3C3D39



393E3C



# Sweetspot

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



3D3C40



535254



3C3F40



2B2A2B



ABABAB



2B2B2B



# Same Dimension

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



3D3C40



4F4D54



3F3C40



1F1E21



180061



3800E0



# Inverse Universe

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



403C3F



544D52



3D403C



211E20



610049



E000A8



# Previews

## White Background



This preview shows how the Hex color 3D3C40 looks on a white background.

## Color Contrast Check

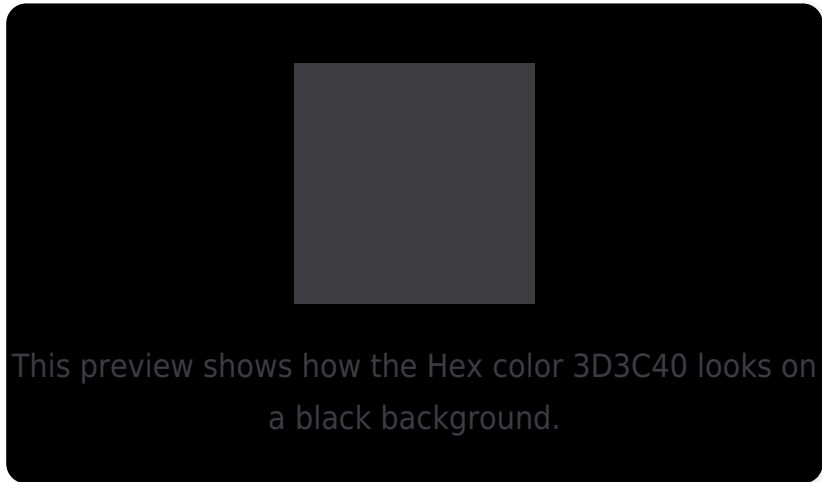
Large Text (above 18pt) WCAG AA ✓ Pass

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

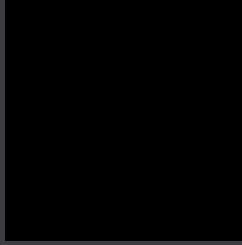
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

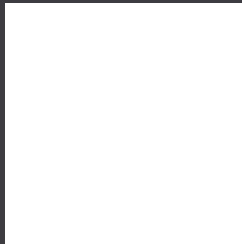
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3D3C40 Background



This preview shows how black text looks on a background with the Hex color 3D3C40.



This preview shows how white text looks on a background with the Hex color 3D3C40.

# 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**  
3D3C40

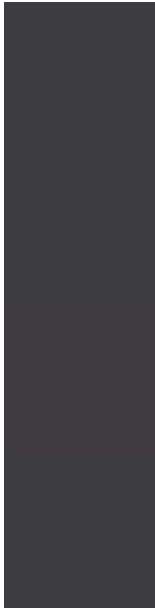
**Protanopia**  
3D3C40

**Deuteranopia**  
413B40



**Tritanopia**  
3D3C41

# Trichromacy



**Original Color**

3D3C40

**Protanomaly**

3D3C40

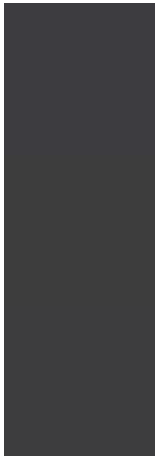
**Deuteranomaly**

403B40

**Tritanomaly**

3D3C41

# Monochromacy



**Original Color**

3D3C40

**Achromatopsia**

3D3D3D

**Achromatomaly**

3D3D3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D3C40 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 #3D3C40 looks like.

```
.text, #text, p{  
    color:#3D3C40  
}
```

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 #3D3C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D3C40
}
```

## Border

The CSS property to change the border of an element to Hex 3D3C40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

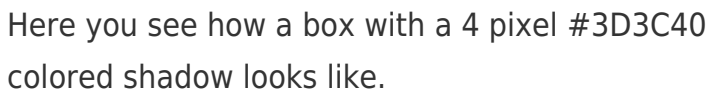
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D3C40 }
```

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

```
.border{ border-color:#3D3C40 }
```

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



Here you see how a box with a 4 pixel #3D3C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D3C40; -webkit-box-shadow:4px 4px  
4px 4px #3D3C40; box-shadow:4px 4px 4px  
4px #3D3C40 }
```

# Background

The CSS property to change the background color of an element to Hex 3D3C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D3C40 }
```

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

```
.background{ background-color:#3D3C40 }
```

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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