

Converting Colors

Hex(40403F)

Have a look what the booklet for
Hex(40403F) contains.

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Color

Hex(40403F)

Conversions

Conversions Part 1

Format	Color
Hex	40403F
RGB	64, 64, 63
RGB Percent	25%, 25%, 25%
CMY	0.7490, 0.7490, 0.7529
CMYK	0.00, 0.00, 0.02, 0.75
HSL	60°, 1%, 25%
HSV	60°, 2%, 25%
XYZ	4.8450, 5.1157, 5.4347
YIQ	63.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
RYB	63, 64, 63
Decimal	4210751
CIELab	27.06, -0.22, 0.61
CIElCh	27, 0.645, 110.004
Yxy	5.1157, 0.3147, 0.3323
Android (android.graphics.Color)	4282400831 (0xFF40403F)
YUV	63.8860, -0.4368, 0.1000
Hunter-Lab	22.6178, -1.3448, 1.5861

Details

The Hex color **40403F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F3F40**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **70706F**, and **161615** is the 20% darker color. If you saturate the color by 10%, you get **404039**, and if you desaturate by 10%, it is **404045**.

Distribution



Red (25%)

Green (25%)

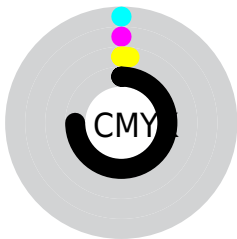
Blue (25%)



Red (25%)

Yellow (25%)

Blue (25%)



Cyan (0%)

Magenta (0%)

Yellow (2%)

Black (75%)



Cyan (75%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40403F 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 40403F by changing the saturation by 10% instead.



40403F



40403F

FFFFFF



2A2A29



70706F



161615



898988



000000



A3A3A2



BEBEBD



DADAD9



F7F7F5



40403F



40403F



404039



404045

■ 404032

■ 40404C

■ 40402C

■ 404052

■ 404025

■ 404059

■ 40401F

■ 40405F

■ 404019

■ 404065

■ 404012

■ 40406C

■ 40400C

■ 404072

■ 404005

■ 404079

Harmonies

Analogous

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



41403F



40403F



3F403F

Triad

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



40403F



3F4041



414040

Complementary

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



40403F



3F3F40

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.



404041



40403F



3F4041

Square

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



40403F



3F4040



404041



414040

Rectangle

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



40403F



3F4040



404041



414040

Sweetspot

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



40403F



545454



403F3F



2B2B2B



ABABAB

Same Dimension

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



40403F



545452



212120



616100



E0E000

Inverse Universe

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



3F3F40



525254



403F40



202021



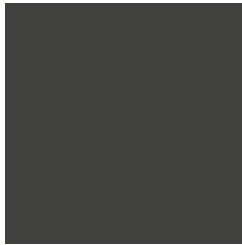
000061



0000E0

Previews

White Background



This preview shows how the Hex color 40403F looks on a white background.

Color Contrast Check

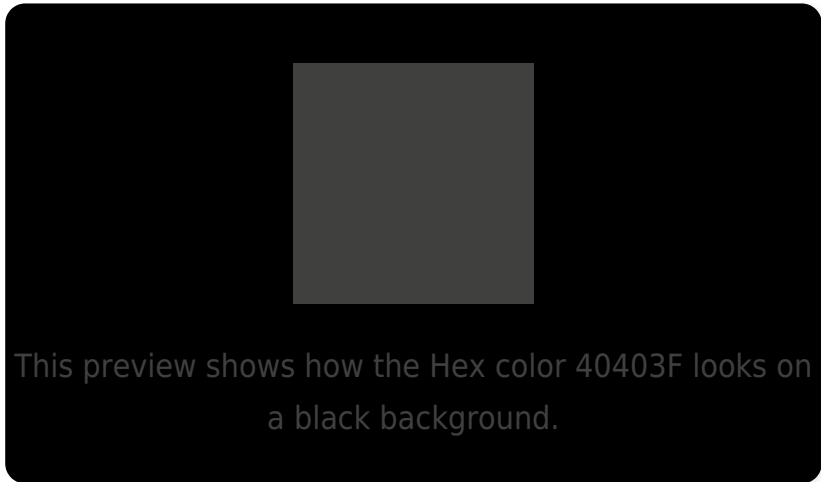
Large Text (above 18pt) WCAG AA ✓ Pass

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

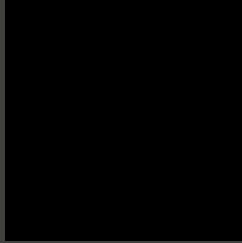
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

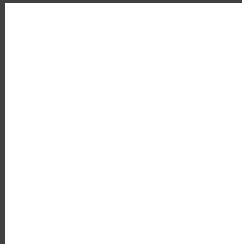
Any Text WCAG AAA × Fail

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

Hex 40403F Background



This preview shows how black text looks on a background with the Hex color 40403F.



This preview shows how white text looks on a background with the Hex color 40403F.

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
40403F

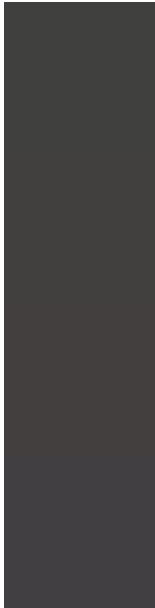
Protanopia
41403F

Deuteranopia
463E3F



Tritanopia
413F44

Trichromacy



Original Color

40403F

Protanomaly

41403F

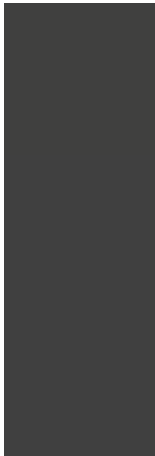
Deuteranomaly

443F3F

Tritanomaly

413F42

Monochromacy



Original Color

40403F

Achromatopsia

404040

Achromatomaly

404040

CSS Examples

Text

The CSS property to change the color of the text to Hex 40403F 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 #40403F looks like.

```
.text, #text, p{  
    color:#40403F  
}
```

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 #40403F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40403F
}
```

Border

The CSS property to change the border of an element to Hex 40403F is called "border". The border property can be set on classes, ids or directly on the HTML element.

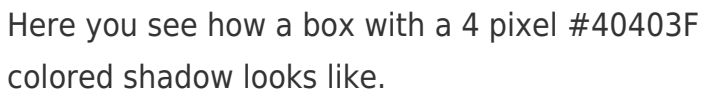
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40403F }
```

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

```
.border{ border-color:#40403F }
```

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



Here you see how a box with a 4 pixel #40403F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40403F; -webkit-box-shadow:4px 4px  
4px 4px #40403F; box-shadow:4px 4px 4px  
4px #40403F }
```

Background

The CSS property to change the background color of an element to Hex 40403F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40403F }
```

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

```
.background{ background-color:#40403F }
```

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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