

Converting Colors

Hex(413B3F)

Have a look what the booklet for
Hex(413B3F) contains.

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Color

Hex(413B3F)

Conversions

Conversions Part 1

Format	Color
Hex	413B3F
RGB	65, 59, 63
RGB Percent	25%, 23%, 25%
CMY	0.7451, 0.7686, 0.7529
CMYK	0.00, 0.09, 0.03, 0.75
HSL	320°, 5%, 24%
HSV	320°, 9%, 25%
XYZ	4.6411, 4.6106, 5.3480
YIQ	61.2500, 2.2920, 2.5160

Conversions

Conversions Part 2

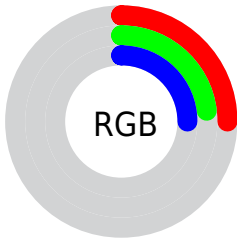
Format	Color
RYB	65, 59, 63
Decimal	4275007
CIELab	25.60, 3.46, -1.53
CIElCh	26, 3.785, 336.193
Yxy	4.6106, 0.3179, 0.3158
Android (android.graphics.Color)	4282465087 (0xFF413B3F)
YUV	61.2500, 0.8628, 3.2887
Hunter-Lab	21.4724, 1.0052, 0.2638

Details

The Hex color **413B3F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B413D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **716A6F**, and **171115** is the 20% darker color. If you saturate the color by 10%, you get **41353D**, and if you desaturate by 10%, it is **414241**.

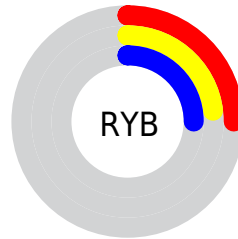
Distribution



Red (25%)

Green (23%)

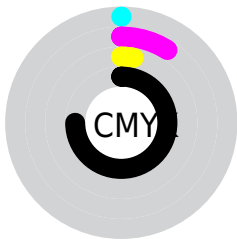
Blue (25%)



Red (25%)

Yellow (23%)

Blue (25%)

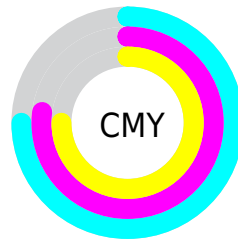


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (75%)



Cyan (75%)

Magenta (77%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413B3F 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 413B3F by changing the saturation by 10% instead.



413B3F



413B3F

FFFFFF



2B2529



716A6F



171115



8A8388



000000



A59DA2



C0B8BD



DBD4D9



F8F0F5



413B3F



413B3F



41353D



414241

■ 412E3B

■ 414843

■ 412839

■ 414F45

■ 412136

■ 415548

■ 411B34

■ 415C4A

■ 411432

■ 41624C

■ 410E30

■ 41694E

■ 41072E

■ 416F50

■ 41012C

■ 417652

Harmonies

Analogous

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



3E3C41



413B3F



433B3C

Triad

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



413B3F



3E3D37



363E40

Complementary

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



413B3F



3B413D

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.



363E3D



413B3F



3B3E38

Square

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



413B3F



413C37



383E3A



373E42

Rectangle

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



413B3F



433B3A



383E3A



363E3F

Sweetspot

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



413B3F



545253



3D3B41



2B2A2B



ABABAB



2B2B2B

Same Dimension

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



413B3F



544B51



413B3C



211E20



610041



E00096

Inverse Universe

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



413B3F



544B51



3B4140



211E20



610041



E00096

Previews

White Background



This preview shows how the Hex color 413B3F looks on a white background.

Color Contrast Check

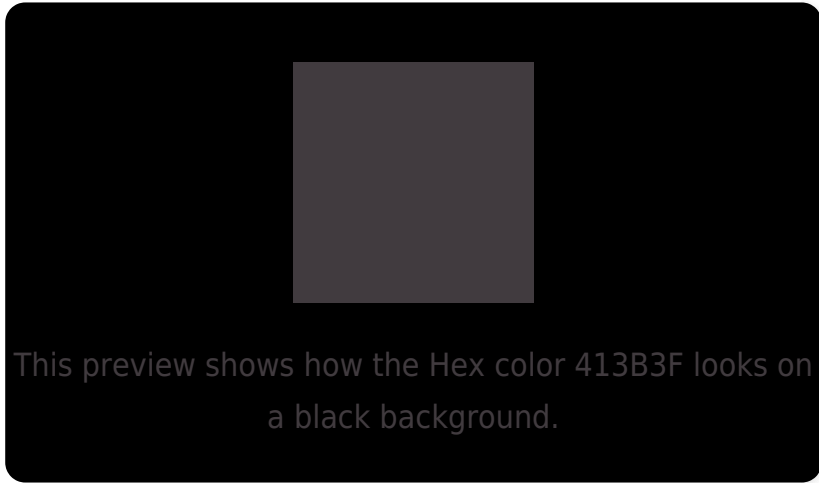
Large Text (above 18pt) WCAG AA ✓ Pass

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

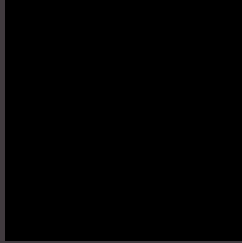
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

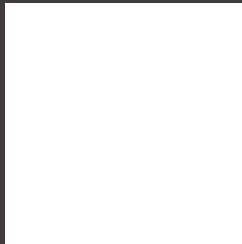
Any Text WCAG AAA × Fail

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

Hex 413B3F Background



This preview shows how black text looks on a background with the Hex color 413B3F.

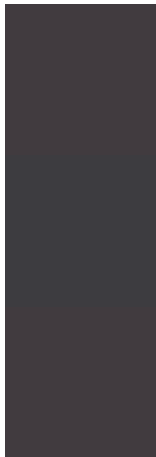


This preview shows how white text looks on a background with the Hex color 413B3F.

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
413B3F

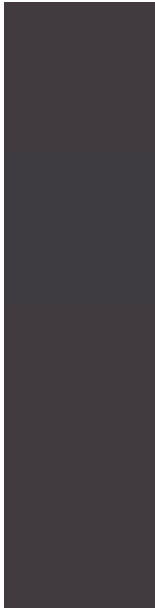
Protanopia
3D3C40

Deuteranopia
413B3F



Tritanopia
413B40

Trichromacy



Original Color

413B3F

Protanomaly

3E3C40

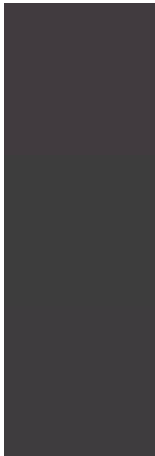
Deuteranomaly

413B3F

Tritanomaly

413B40

Monochromacy



Original Color

413B3F

Achromatopsia

3D3D3D

Achromatomaly

3E3C3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 413B3F 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 #413B3F looks like.

```
.text, #text, p{  
    color:#413B3F  
}
```

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 #413B3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413B3F
}
```

Border

The CSS property to change the border of an element to Hex 413B3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

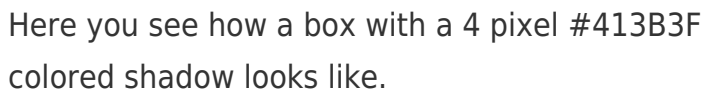
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413B3F }
```

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

```
.border{ border-color:#413B3F }
```

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



Here you see how a box with a 4 pixel #413B3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413B3F; -webkit-box-shadow:4px 4px  
4px 4px #413B3F; box-shadow:4px 4px 4px  
4px #413B3F }
```

Background

The CSS property to change the background color of an element to Hex 413B3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413B3F }
```

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

```
.background{ background-color:#413B3F }
```

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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