

Converting Colors

Hex(413B63)

Have a look what the booklet for
Hex(413B63) contains.

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Color

Hex(413B63)

Conversions

Conversions Part 1

Format	Color
Hex	413B63
RGB	65, 59, 99
RGB Percent	25%, 23%, 39%
CMY	0.7451, 0.7686, 0.6118
CMYK	0.34, 0.40, 0.00, 0.61
HSL	249°, 25%, 31%
HSV	249°, 40%, 39%
XYZ	5.9961, 5.1526, 12.4829
YIQ	65.3540, -9.2640, 13.7120

Conversions

Conversions Part 2

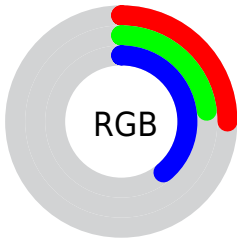
Format	Color
RYB	65, 59, 99
Decimal	4275043
CIELab	27.17, 12.99, -22.74
CIElCh	27, 26.183, 299.733
Yxy	5.1526, 0.2537, 0.2180
Android (android.graphics.Color)	4282465123 (0xFF413B63)
YUV	65.3540, 16.5875, -0.3105
Hunter-Lab	22.6993, 7.4272, -16.7154

Details

The Hex color **413B63** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5D633B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **726A96**, and **131134** is the 20% darker color. If you saturate the color by 10%, you get **393163**, and if you desaturate by 10%, it is **494563**.

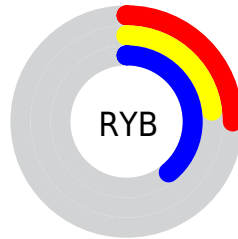
Distribution



 Red (25%)

 Green (23%)

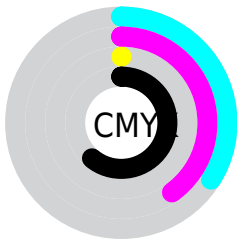
 Blue (39%)



 Red (25%)

 Yellow (23%)

 Blue (39%)

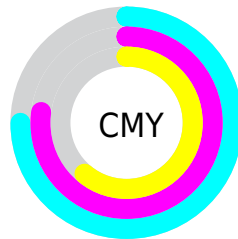


 Cyan (34%)

 Magenta (40%)

 Yellow (0%)

 Black (61%)



 Cyan (75%)

 Magenta (77%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413B63 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 413B63 by changing the saturation by 10% instead.

■ 413B63

■ 413B63

FFFFFF

■ 2A254B

■ 726A96

■ 131134

■ 8C83B1

■ 00011F

■ A79ECC

■ 000001

■ C2B8E9

■ 000000

■ DED4FF

■ FBF0FF

■ 413B63

■ 413B63

■ 393163

■ 494563

■ 302763

■ 524F63

■ 281D63

■ 5A5963

■ 1F1363

■ 636363

■ 170A63

■ 6B6D63

■ 0F0063

■ 737663

■ 7C8063

■ 848A63

■ 8D9463

Harmonies

Analogous

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



1A4268



413B63



593355

Triad

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



413B63



5C381E



004A3F

Complementary

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



413B63



5D633B

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.



1E492B



413B63



4C3F17

Square

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



413B63



65312D



38451C



004A53

Rectangle

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



413B63



623048



38451C



004A38

Sweetspot

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



413B63



727080



3B5D63



383740



BFBFBF



404040

Same Dimension

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



413B63



4B4280



553B63



2C2C30



110070



2400F0

Inverse Universe

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



633B5D



804276



49633B



302C30



70005F



F000CC

Previews

White Background



This preview shows how the Hex color 413B63 looks on a white background.

Color Contrast Check

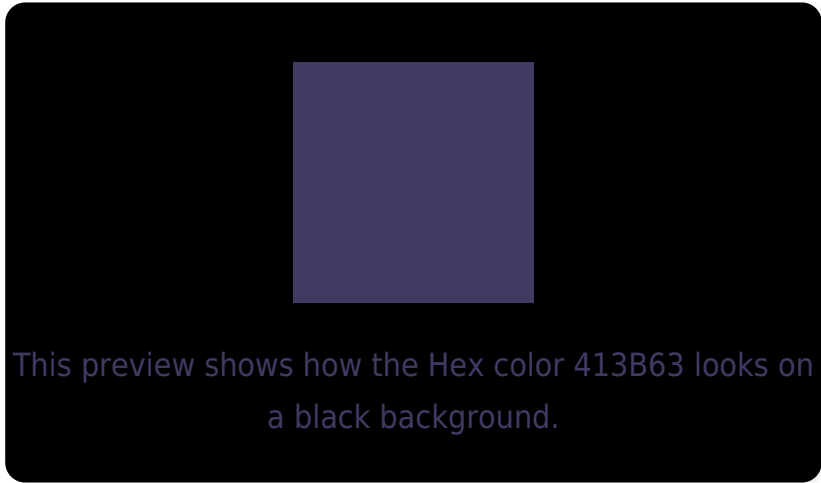
Large Text (above 18pt) WCAG AA ✓ Pass

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

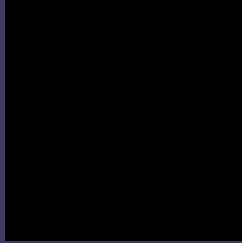
Any Text WCAG AA × Fail

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 413B63 Background



This preview shows how black text looks on a background with the Hex color 413B63.

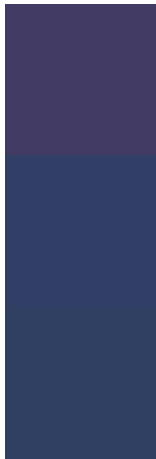


This preview shows how white text looks on a background with the Hex color 413B63.

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
413B63

Protanopia
313F66

Deuteranopia
304062



Tritanopia
3B4146

Trichromacy



Original Color

413B63

Protanomaly

373E65

Deuteranomaly

363E62

Tritanomaly

3D3F51

Monochromacy



Original Color

413B63

Achromatopsia

414141

Achromatomaly

413F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 413B63 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 #413B63 looks like.

```
.text, #text, p{  
    color:#413B63  
}
```

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 #413B63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413B63
}
```

Border

The CSS property to change the border of an element to Hex 413B63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

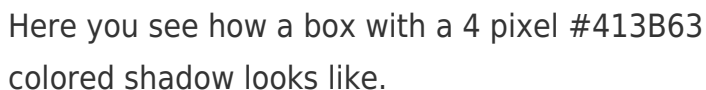
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413B63 }
```

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

```
.border{ border-color:#413B63 }
```

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



Here you see how a box with a 4 pixel #413B63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413B63; -webkit-box-shadow:4px 4px  
4px 4px #413B63; box-shadow:4px 4px 4px  
4px #413B63 }
```

Background

The CSS property to change the background color of an element to Hex 413B63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413B63 }
```

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

```
.background{ background-color:#413B63 }
```

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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