

Converting Colors

Hex(413057)

Have a look what the booklet for
Hex(413057) contains.

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Color

Hex(413057)

Conversions

Conversions Part 1

Format	Color
Hex	413057
RGB	65, 48, 87
RGB Percent	25%, 19%, 34%
CMY	0.7451, 0.8118, 0.6588
CMYK	0.25, 0.45, 0.00, 0.66
HSL	266°, 29%, 26%
HSV	266°, 45%, 34%
XYZ	4.9572, 3.9258, 9.5133
YIQ	57.5290, -2.3870, 15.7330

Conversions

Conversions Part 2

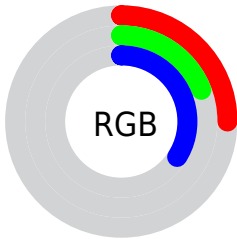
Format	Color
RYB	65, 48, 87
Decimal	4272215
CIELab	23.42, 16.88, -20.77
CIELCh	23, 26.765, 309.092
Yxy	3.9258, 0.2695, 0.2134
Android (android.graphics.Color)	4282462295 (0xFF413057)
YUV	57.5290, 14.5292, 6.5521
Hunter-Lab	19.8137, 9.9851, -14.5977

Details

The Hex color **413057** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **465730**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **725E89**, and **170229** is the 20% darker color. If you saturate the color by 10%, you get **3C2757**, and if you desaturate by 10%, it is **463957**.

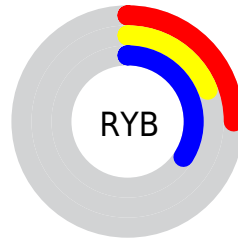
Distribution



Red (25%)

Green (19%)

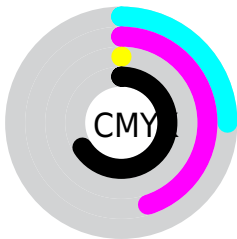
Blue (34%)



Red (25%)

Yellow (19%)

Blue (34%)

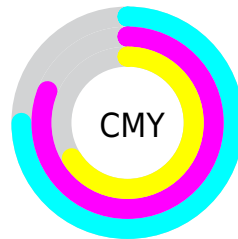


Cyan (25%)

Magenta (45%)

Yellow (0%)

Black (66%)



Cyan (75%)

Magenta (81%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413057 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 413057 by changing the saturation by 10% instead.

■ 413057

■ 413057

FFFFFF

■ 2A1B40

■ 725E89

■ 170229

■ 8C77A3

■ 000114

■ A691BF

■ 000000

■ C2ABDA

■ DEC7F7

■ FAE3FF

■ 413057

■ 413057

■ 3C2757

■ 463957

■ 371F57

■ 4B4157

■ 321657

■ 504A57

■ 2D0D57

■ 555357

■ 280457

■ 5A5C57

■ 260057

■ 5E6457

■ 636D57

■ 687657

■ 6D7E57

Harmonies

Analogous

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



1E385F



413057



552947

Triad

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



413057



4E3212



00423D

Complementary

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



413057



465730

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.



044129



413057



3D390E

Square

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



413057



5A2A20



283E17



004151

Rectangle

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



413057



5B2639



283E17



004237

Sweetspot

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



413057



686270



304657



332F38



B8B8B8



383838

Same Dimension

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



413057



4E3470



543057



29272B



2F006B



6600EB

Inverse Universe

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



573046



703456



335730



2B2729



6B003C



EB0084

Previews

White Background



This preview shows how the Hex color 413057 looks on a white background.

Color Contrast Check

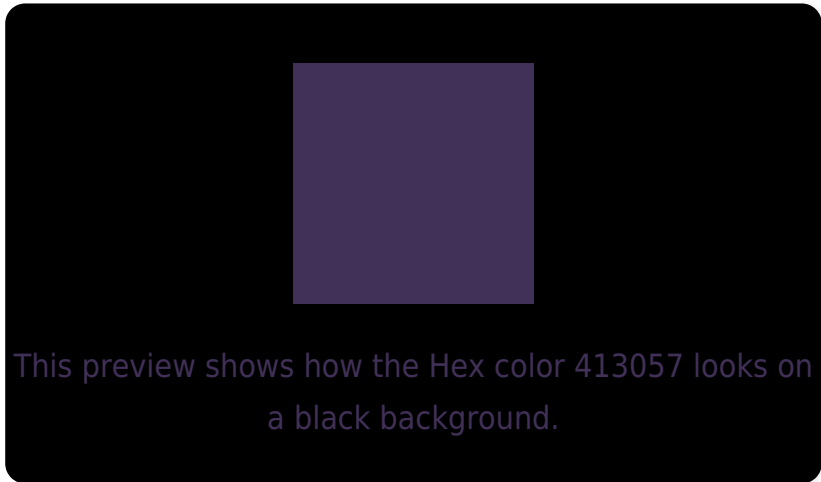
Large Text (above 18pt) WCAG AA ✓ Pass

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

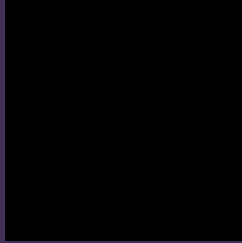
Any Text WCAG AA × Fail

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 413057 Background



This preview shows how black text looks on a background with the Hex color 413057.



This preview shows how white text looks on a background with the Hex color 413057.

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
413057

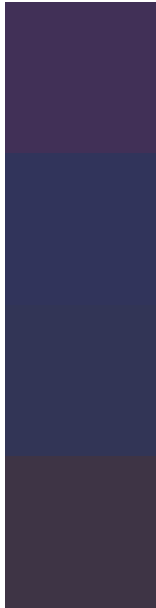
Protanopia
28375D

Deuteranopia
2A3855



Tritanopia
3C363B

Trichromacy



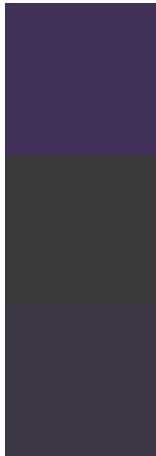
Original Color
413057

Protanomaly
31345B

Deuteranomaly
323556

Tritanomaly
3E3445

Monochromacy



Original Color
413057

Achromatopsia
3A3A3A

Achromatomaly
3D3645

CSS Examples

Text

The CSS property to change the color of the text to Hex 413057 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 #413057 looks like.

```
.text, #text, p{  
    color:#413057  
}
```

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 #413057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413057
}
```

Border

The CSS property to change the border of an element to Hex 413057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

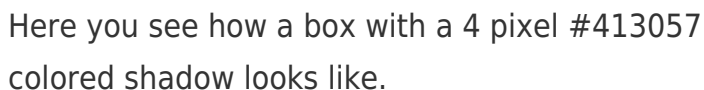
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#413057 }
```

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

```
.border{ border-color:#413057 }
```

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



Here you see how a box with a 4 pixel #413057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413057; -webkit-box-shadow:4px 4px  
4px 4px #413057; box-shadow:4px 4px 4px  
4px #413057 }
```

Background

The CSS property to change the background color of an element to Hex 413057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413057 }
```

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

```
.background{ background-color:#413057 }
```

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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