

Converting Colors

Hex(413D48)

Have a look what the booklet for
Hex(413D48) contains.

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Color

Hex(413D48)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 413D48 |
| RGB | 65, 61, 72 |
| RGB Percent | 25%, 24%, 28% |
| CMY | 0.7451, 0.7608, 0.7176 |
| CMYK | 0.10, 0.15, 0.00, 0.72 |
| HSL | 262°, 8%, 26% |
| HSV | 262°, 15%, 28% |
| XYZ | 5.0184, 4.9292, 6.8178 |
| YIQ | 63.4500, -1.1470, 4.2690 |

Conversions

Conversions Part 2

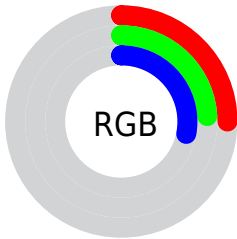
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 65, 61, 72 |
| Decimal | 4275528 |
| CIELab | 26.53, 4.25, -6.09 |
| CIELCh | 27, 7.424, 304.913 |
| Yxy | 4.9292, 0.2993, 0.2940 |
| Android (android.graphics.Color) | 4282465608 (0xFF413D48) |
| YUV | 63.4500, 4.2152, 1.3594 |
| Hunter-Lab | 22.2018, 1.4945, -2.6658 |

Details

The Hex color **413D48** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **44483D**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **716C78**, and **17131D** is the 20% darker color. If you saturate the color by 10%, you get **3C3648**, and if you desaturate by 10%, it is **464448**.

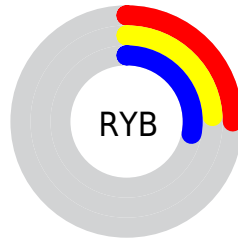
Distribution



Red (25%)

Green (24%)

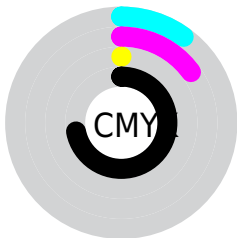
Blue (28%)



Red (25%)

Yellow (24%)

Blue (28%)

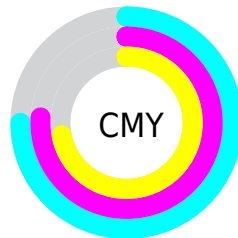


Cyan (10%)

Magenta (15%)

Yellow (0%)

Black (72%)



Cyan (75%)

Magenta (76%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 413D48 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 413D48 by changing the saturation by 10% instead.



413D48



413D48

FFFFFF



2B2732



716C78



17131D



8A8692



000000



A5A0AD



C0BBC8



DCD6E4



F8F3FF



413D48



413D48



3C3648



464448

■ 382F48

■ 4A4B48

■ 332748

■ 4F5348

■ 2F2048

■ 535A48

■ 2A1948

■ 586148

■ 261248

■ 5C6848

■ 210B48

■ 616F48

■ 1C0348

■ 667748

■ 1A0048

■ 6A7E48

Harmonies

Analogous

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



3A3F4A



413D48



473B44

Triad

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



413D48



483D35



31423F

Complementary

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



413D48



44483D

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.



36423A



413D48



423F34

Square

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



413D48



4A3B39



3C4035



304245

Rectangle

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



413D48



4A3B40



3C4035



32423E

Sweetspot

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



413D48



5B5A5E



3D4448



2F2E30



B0B0B0



303030

Same Dimension

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



413D48



544D5E



463D48



212024



240063



5300E3

Inverse Universe

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



483D44



5E4D58



3F483D



242022



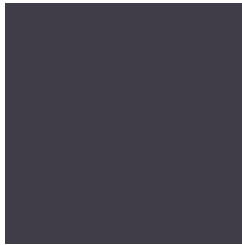
63003F



E30090

Previews

White Background



This preview shows how the Hex color 413D48 looks on a white background.

Color Contrast Check

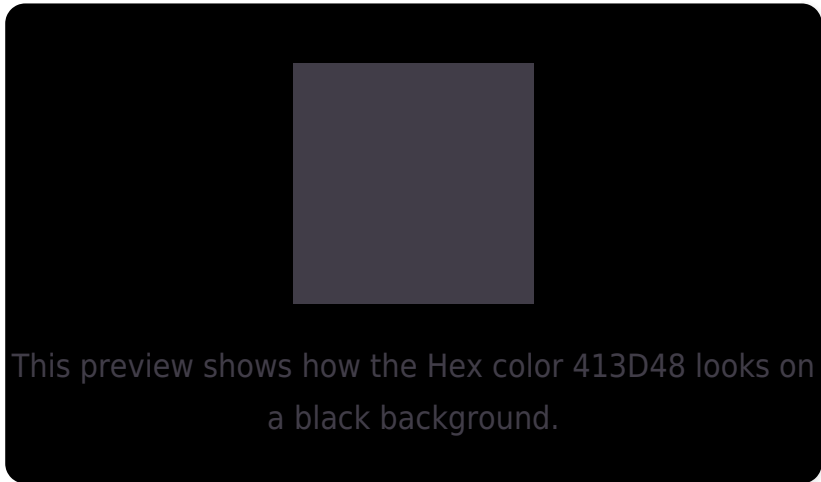
Large Text (above 18pt) WCAG AA ✓ Pass

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

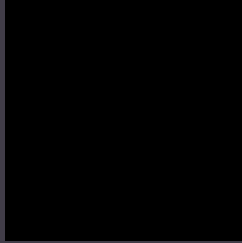
Any Text WCAG AA × Fail

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 413D48 Background



This preview shows how black text looks on a background with the Hex color 413D48.



This preview shows how white text looks on a background with the Hex color 413D48.

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
413D48

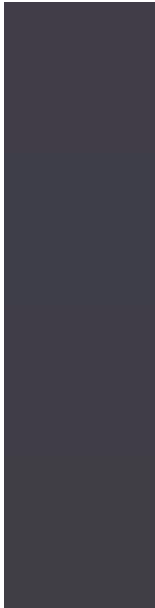
Protanopia
3D3E49

Deuteranopia
403D48



Tritanopia
403E43

Trichromacy



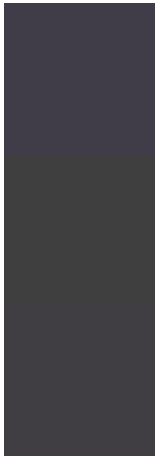
Original Color
413D48

Protanomaly
3E3E49

Deuteranomaly
403D48

Tritanomaly
403E45

Monochromacy



Original Color
413D48

Achromatopsia
3F3F3F

Achromatomaly
403E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 413D48 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 #413D48 looks like.

```
.text, #text, p{  
    color:#413D48  
}
```

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 #413D48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #413D48  
}
```

Border

The CSS property to change the border of an element to Hex 413D48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

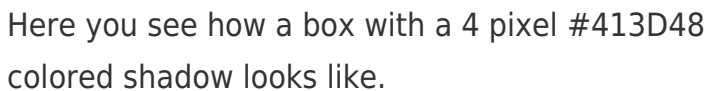
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#413D48 }
```

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

```
.border{ border-color:#413D48 }
```

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



Here you see how a box with a 4 pixel #413D48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #413D48; -webkit-box-shadow:4px 4px  
4px 4px #413D48; box-shadow:4px 4px 4px  
4px #413D48 }
```

Background

The CSS property to change the background color of an element to Hex 413D48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#413D48 }
```

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

```
.background{ background-color:#413D48 }
```

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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