

Converting Colors

Hex(423D53)

Have a look what the booklet for
Hex(423D53) contains.

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Color

Hex(423D53)

Conversions

Conversions Part 1

Format	Color
Hex	423D53
RGB	66, 61, 83
RGB Percent	26%, 24%, 33%
CMY	0.7412, 0.7608, 0.6745
CMYK	0.20, 0.27, 0.00, 0.67
HSL	254°, 15%, 28%
HSV	254°, 27%, 33%
XYZ	5.4768, 5.1203, 8.8833
YIQ	65.0030, -4.0820, 7.9020

Conversions

Conversions Part 2

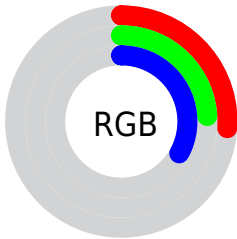
Format	Color
RYB	66, 61, 83
Decimal	4341075
CIELab	27.07, 7.46, -12.48
CIELCh	27, 14.534, 300.864
Yxy	5.1203, 0.2811, 0.2628
Android (android.graphics.Color)	4282531155 (0xFF423D53)
YUV	65.0030, 8.8725, 0.8744
Hunter-Lab	22.6280, 3.6048, -7.4363

Details

The Hex color **423D53** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E533D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **726C85**, and **171326** is the 20% darker color. If you saturate the color by 10%, you get **3C3553**, and if you desaturate by 10%, it is **484553**.

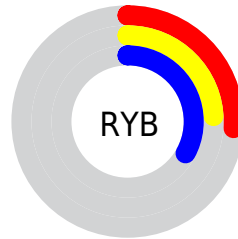
Distribution



Red (26%)

Green (24%)

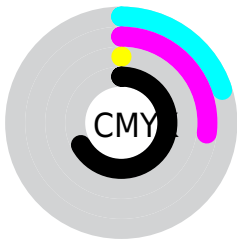
Blue (33%)



Red (26%)

Yellow (24%)

Blue (33%)

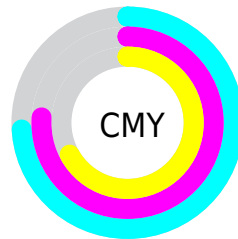


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (67%)



Cyan (74%)

Magenta (76%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 423D53 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 423D53 by changing the saturation by 10% instead.



423D53



423D53

FFFFFF



2C273C



726C85



171326



8C869F



000111



A6A0BA



000000



C1BBD5



DDD6F2



FAF3FF



423D53



423D53



3C3553



484553

■ 352C53

■ 4F4E53

■ 2F2453

■ 555653

■ 281C53

■ 5C5E53

■ 221353

■ 626653

■ 1C0B53

■ 686F53

■ 150353

■ 6F7753

■ 130053

■ 757F53

■ 7C8853

Harmonies

Analogous

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



324156



423D53



4E394B

Triad

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



423D53



513C2D



234640

Complementary

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



423D53



4E533D

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.



2F4535



423D53



483F2A

Square

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



423D53



563935



3C432D



1D464B

Rectangle

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



423D53



543844



3C432D



27463C

Sweetspot

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



423D53



64636B



3D4E53



313036



B5B5B5



363636

Same Dimension

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



423D53



51496B



4D3D53



262529



180069



3500E8

Inverse Universe

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



533D4E



6B4963



43533D



292528



690051



E800B3

Previews

White Background



This preview shows how the Hex color 423D53 looks on a white background.

Color Contrast Check

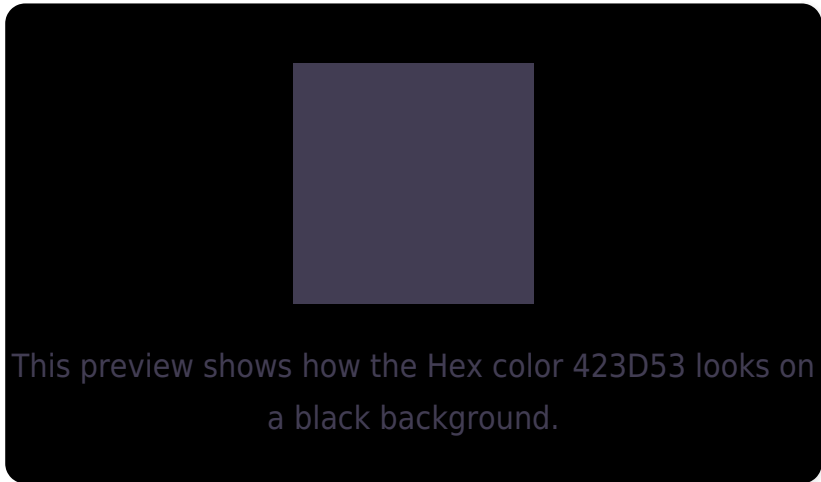
Large Text (above 18pt) WCAG AA ✓ Pass

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

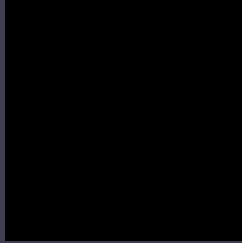
Any Text WCAG AA × Fail

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 423D53 Background



This preview shows how black text looks on a background with the Hex color 423D53.

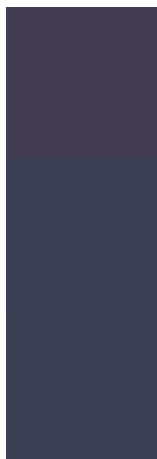


This preview shows how white text looks on a background with the Hex color 423D53.

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

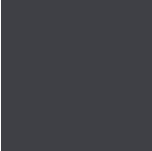
423D53

Protanopia

3A3F55

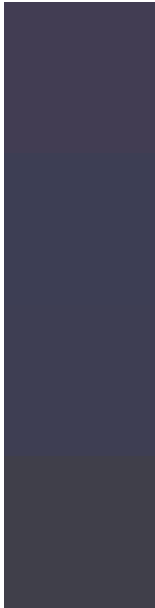
Deuteranopia

3C3F53



Tritanopia
3F4045

Trichromacy



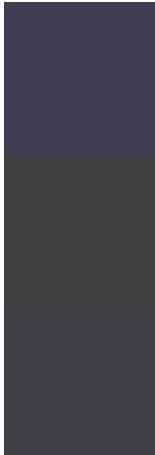
Original Color
423D53

Protanomaly
3D3E54

Deuteranomaly
3E3E53

Tritanomaly
403F4A

Monochromacy



Original Color
423D53

Achromatopsia
414141

Achromatomaly
414048

CSS Examples

Text

The CSS property to change the color of the text to Hex 423D53 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 #423D53 looks like.

```
.text, #text, p{  
    color:#423D53  
}
```

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 #423D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #423D53
}
```

Border

The CSS property to change the border of an element to Hex 423D53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

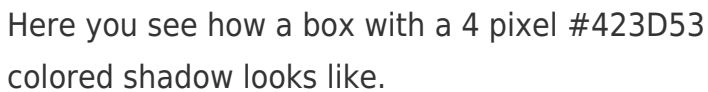
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#423D53 }
```

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

```
.border{ border-color:#423D53 }
```

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



Here you see how a box with a 4 pixel #423D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #423D53; -webkit-box-shadow:4px 4px  
4px 4px #423D53; box-shadow:4px 4px 4px  
4px #423D53 }
```

Background

The CSS property to change the background color of an element to Hex 423D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#423D53 }
```

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

```
.background{ background-color:#423D53 }
```

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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