

Converting Colors

Hex(403753)

Have a look what the booklet for
Hex(403753) contains.

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Color

Hex(403753)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 403753 |
| RGB | 64, 55, 83 |
| RGB Percent | 25%, 22%, 33% |
| CMY | 0.7490, 0.7843, 0.6745 |
| CMYK | 0.23, 0.34, 0.00, 0.67 |
| HSL | 259°, 20%, 27% |
| HSV | 259°, 34%, 33% |
| XYZ | 5.0419, 4.4469, 8.7762 |
| YIQ | 60.8830, -3.6240, 10.6160 |

Conversions

Conversions Part 2

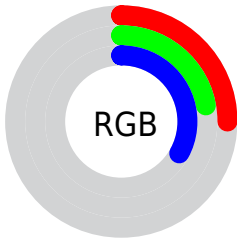
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 64, 55, 83 |
| Decimal | 4208467 |
| CIELab | 25.10, 10.73, -15.54 |
| CIElCh | 25, 18.879, 304.622 |
| Yxy | 4.4469, 0.2760, 0.2435 |
| Android (android.graphics.Color) | 4282398547 (0xFF403753) |
| YUV | 60.8830, 10.9037, 2.7336 |
| Hunter-Lab | 21.0877, 5.7743, -9.9138 |

Details

The Hex color **403753** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A5337**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **706685**, and **150C26** is the 20% darker color. If you saturate the color by 10%, you get **3A2F53**, and if you desaturate by 10%, it is **463F53**.

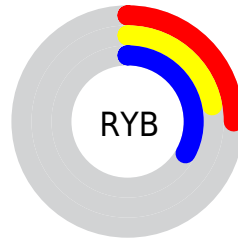
Distribution



Red (25%)

Green (22%)

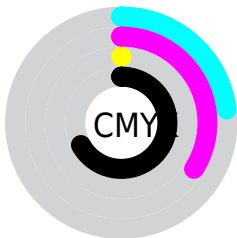
Blue (33%)



Red (25%)

Yellow (22%)

Blue (33%)

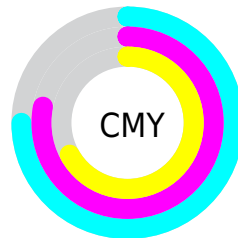


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (67%)



Cyan (75%)

Magenta (78%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 403753 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 403753 by changing the saturation by 10% instead.

■ 403753

■ 403753

FFFFFF

■ 2A223C

■ 706685

■ 150C26

■ 8A7F9F

■ 000110

■ A499BA

■ 000000

■ BFB4D5

■ DBCFF2

■ F8EBFF

■ 403753

■ 403753

■ 3A2F53

■ 463F53

■ 352653

■ 4B4853

■ 2F1E53

■ 515053

■ 291653

■ 575853

■ 240E53

■ 5C6053

■ 1E0553

■ 626953

■ 1B0053

■ 677153

■ 6D7953

■ 738253

Harmonies

Analogous

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



2A3C58



403753



4F3248

Triad

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



403753



4F3622



0C433D

Complementary

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



403753



4A5337

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.



22422F



403753



433B1F

Square

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



403753



56322C



333F24



00434B

Rectangle

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



403753



55313F



333F24



144338

Sweetspot

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



403753



64606B



374A53



312F36



B5B5B5



363636

Same Dimension

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



403753



4E406B



4E3753



262529



220069



4B00E8

Inverse Universe

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



53374A



6B405D



3C5337



292527



690047



E8009D

Previews

White Background



This preview shows how the Hex color 403753 looks on a white background.

Color Contrast Check

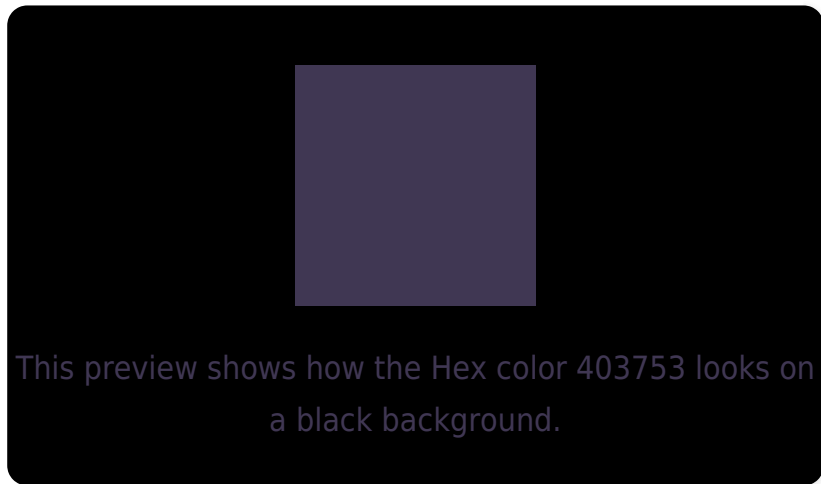
Large Text (above 18pt) WCAG AA ✓ Pass

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

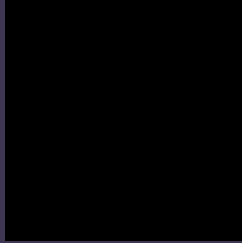
Any Text WCAG AA × Fail

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 403753 Background



This preview shows how black text looks on a background with the Hex color 403753.



This preview shows how white text looks on a background with the Hex color 403753.

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
403753

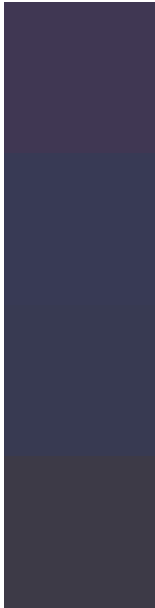
Protanopia
333B56

Deuteranopia
343B52



Tritanopia
3C3B40

Trichromacy



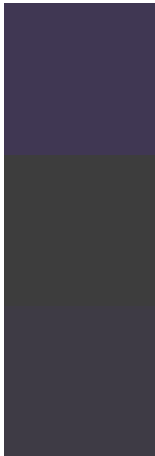
Original Color
403753

Protanomaly
383A55

Deuteranomaly
383A52

Tritanomaly
3D3A47

Monochromacy



Original Color
403753

Achromatopsia
3D3D3D

Achromatomaly
3E3B45

CSS Examples

Text

The CSS property to change the color of the text to Hex 403753 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 #403753 looks like.

```
.text, #text, p{  
  color:#403753  
}
```

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 #403753 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403753
}
```

Border

The CSS property to change the border of an element to Hex 403753 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
#403753 }
```

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

```
.border{ border-color:#403753 }
```

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

Here you see how a box with a 4 pixel #403753 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403753; -webkit-box-shadow:4px 4px  
4px 4px #403753; box-shadow:4px 4px 4px  
4px #403753 }
```

Background

The CSS property to change the background color of an element to Hex 403753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403753 }
```

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

```
.background{ background-color:#403753 }
```

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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