

Converting Colors

Hex(402859)

Have a look what the booklet for
Hex(402859) contains.

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Color

Hex(402859)

Conversions

Conversions Part 1

Format	Color
Hex	402859
RGB	64, 40, 89
RGB Percent	25%, 16%, 35%
CMY	0.7490, 0.8431, 0.6510
CMYK	0.28, 0.55, 0.00, 0.65
HSL	269°, 38%, 25%
HSV	269°, 55%, 35%
XYZ	4.6763, 3.3288, 9.8473
YIQ	52.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

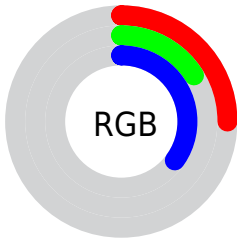
Format	Color
RYB	64, 40, 89
Decimal	4204633
CIELab	21.32, 22.37, -25.44
CIELCh	21, 33.875, 311.332
Yxy	3.3288, 0.2619, 0.1865
Android (android.graphics.Color)	4282394713 (0xFF402859)
YUV	52.7620, 17.8653, 9.8557
Hunter-Lab	18.2451, 13.8215, -19.2284

Details

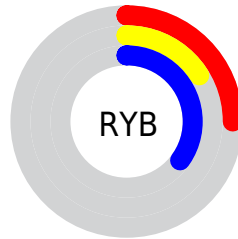
The Hex color **402859** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **415928**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **71568B**, and **17002B** is the 20% darker color. If you saturate the color by 10%, you get **3B1F59**, and if you desaturate by 10%, it is **453159**.

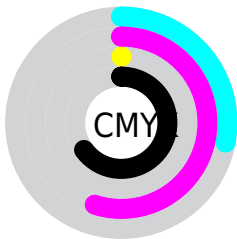
Distribution



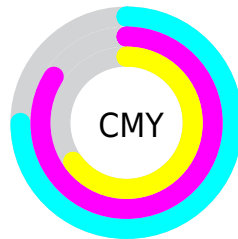
- Red (25%)
- Green (16%)
- Blue (35%)



- Red (25%)
- Yellow (16%)
- Blue (35%)



- Cyan (28%)
- Magenta (55%)
- Yellow (0%)
- Black (65%)



- Cyan (75%)
- Magenta (84%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402859 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 402859 by changing the saturation by 10% instead.



402859



402859

FFFFFF



291341



71568B



17002B



8B6FA6



000115



A688C1



000000



C2A2DD



DEBEFA



FADAFF



FFF6FF



402859



402859

■ 3B1F59

■ 453159

■ 371659

■ 493A59

■ 320D59

■ 4E4359

■ 2E0459

■ 524C59

■ 2C0059

■ 575559

■ 5B5D59

■ 606659

■ 646F59

■ 697859

Harmonies

Analogous

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



053364



402859



581C44

Triad

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



402859



4C2C00



003F3C

Complementary

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



402859



415928

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.



003E22



402859



373500

Square

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



402859



5A2113



1A3B09



003E54

Rectangle

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



402859



5F1933



1A3B09



003E34

Sweetspot

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



402859



695F73



284159



352F3B



BABABA



3B3B3B

Same Dimension

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



402859



4C2773



582859



29272B



34006B



7300EB

Inverse Universe

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



592841



73274E



295928



2B2729



6B0037



EB0078

Previews

White Background



This preview shows how the Hex color 402859 looks on a white background.

Color Contrast Check

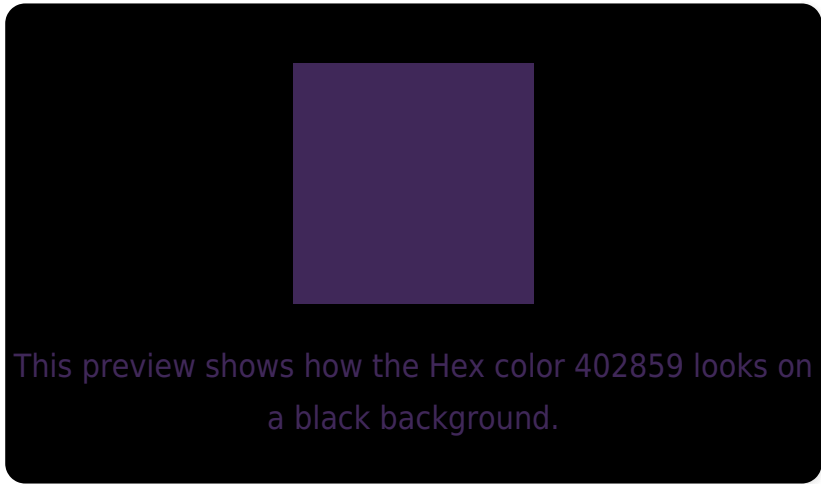
Large Text (above 18pt) WCAG AA ✓ Pass

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

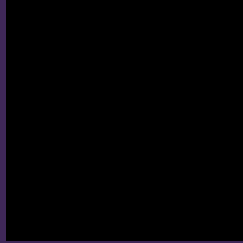
Any Text WCAG AA × Fail

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 402859 Background



This preview shows how black text looks on a background with the Hex color 402859.



This preview shows how white text looks on a background with the Hex color 402859.

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
402859

Protanopia
183263

Deuteranopia
1C3457



Tritanopia
393135

Trichromacy



Original Color
402859

Protanomaly
272E5F

Deuteranomaly
293058

Tritanomaly
3C2E42

Monochromacy



Original Color
402859

Achromatopsia
353535

Achromatomaly
393042

CSS Examples

Text

The CSS property to change the color of the text to Hex 402859 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 #402859 looks like.

```
.text, #text, p{  
    color:#402859  
}
```

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 #402859 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402859
}
```

Border

The CSS property to change the border of an element to Hex 402859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

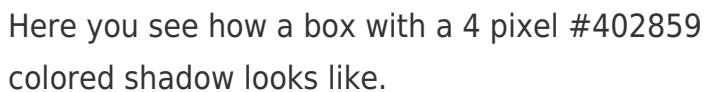
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402859 }
```

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

```
.border{ border-color:#402859 }
```

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



Here you see how a box with a 4 pixel #402859 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402859; -webkit-box-shadow:4px 4px  
4px 4px #402859; box-shadow:4px 4px 4px  
4px #402859 }
```

Background

The CSS property to change the background color of an element to Hex 402859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402859 }
```

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

```
.background{ background-color:#402859 }
```

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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