

Converting Colors

Hex(402F5B)

Have a look what the booklet for
Hex(402F5B) contains.

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Color

Hex(402F5B)

Conversions

Conversions Part 1

Format	Color
Hex	402F5B
RGB	64, 47, 91
RGB Percent	25%, 18%, 36%
CMY	0.7490, 0.8157, 0.6431
CMYK	0.30, 0.48, 0.00, 0.64
HSL	263°, 32%, 27%
HSV	263°, 48%, 36%
XYZ	5.0192, 3.8784, 10.3816
YIQ	57.0990, -3.9920, 17.2880

Conversions

Conversions Part 2

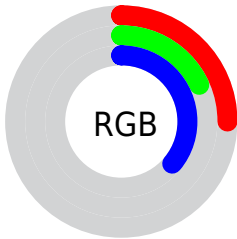
Format	Color
RYB	64, 47, 91
Decimal	4206427
CIELab	23.27, 18.34, -23.67
CIELCh	23, 29.944, 307.770
Yxy	3.8784, 0.2603, 0.2012
Android (android.graphics.Color)	4282396507 (0xFF402F5B)
YUV	57.0990, 16.7132, 6.0522
Hunter-Lab	19.6935, 11.0298, -17.4697

Details

The Hex color **402F5B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A5B2F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **715D8D**, and **15012D** is the 20% darker color. If you saturate the color by 10%, you get **3A265B**, and if you desaturate by 10%, it is **46385B**.

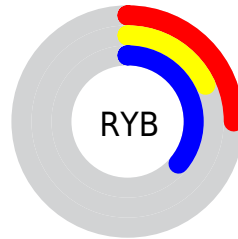
Distribution



Red (25%)

Green (18%)

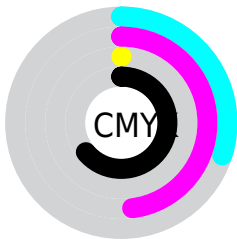
Blue (36%)



Red (25%)

Yellow (18%)

Blue (36%)

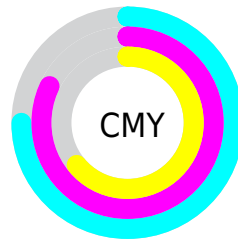


Cyan (30%)

Magenta (48%)

Yellow (0%)

Black (64%)



Cyan (75%)

Magenta (82%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 402F5B 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 402F5B by changing the saturation by 10% instead.



402F5B



402F5B

FFFFFF



291A43



715D8D



15012D



8B76A8



000118



A690C3



000000



C1AADF



DDC6FC



FAE2FF



FFFEFF



402F5B



402F5B

■ 3A265B

■ 46385B

■ 351D5B

■ 4B415B

■ 2F145B

■ 514A5B

■ 2A0B5B

■ 56535B

■ 24025B

■ 5C5D5B

■ 23005B

■ 62665B

■ 676F5B

■ 6D785B

■ 72815B

Harmonies

Analogous

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



123864



402F5B



572649

Triad

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



402F5B



50300C



00423D

Complementary

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



402F5B



4A5B2F

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.



004126



402F5B



3E3806

Square

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



402F5B



5D271D



263E11



004152

Rectangle

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



402F5B



5E223A



263E11



004235

Sweetspot

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



402F5B



6B6475



2F4A5B



34303B



BABABA



3B3B3B

Same Dimension

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



402F5B



4C3175



562F5B



2B292E



2A006E



5C00ED

Inverse Universe

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



5B2F4A



75315B



345B2F



2E292C



6E0043



ED0092

Previews

White Background



This preview shows how the Hex color 402F5B looks on a white background.

Color Contrast Check

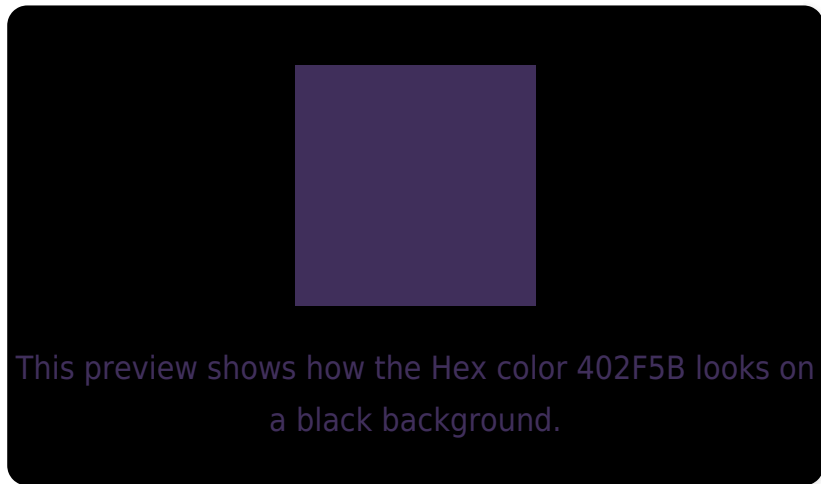
Large Text (above 18pt) WCAG AA ✓ Pass

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

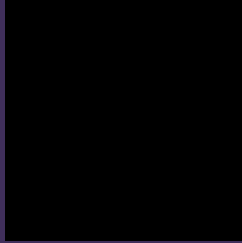
Any Text WCAG AA × Fail

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 402F5B Background



This preview shows how black text looks on a background with the Hex color 402F5B.



This preview shows how white text looks on a background with the Hex color 402F5B.

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
402F5B

Protanopia
243662

Deuteranopia
243859



Tritanopia
3A373B

Trichromacy



Original Color
402F5B

Protanomaly
2E335F

Deuteranomaly
2E355A

Tritanomaly
3C3447

Monochromacy



Original Color
402F5B

Achromatopsia
393939

Achromatomaly
3C3545

CSS Examples

Text

The CSS property to change the color of the text to Hex 402F5B 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 #402F5B looks like.

```
.text, #text, p{  
    color:#402F5B  
}
```

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 #402F5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402F5B
}
```

Border

The CSS property to change the border of an element to Hex 402F5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

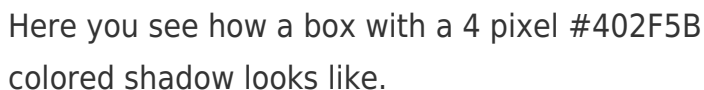
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#402F5B }
```

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

```
.border{ border-color:#402F5B }
```

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



Here you see how a box with a 4 pixel #402F5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402F5B; -webkit-box-shadow:4px 4px  
4px 4px #402F5B; box-shadow:4px 4px 4px  
4px #402F5B }
```

Background

The CSS property to change the background color of an element to Hex 402F5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402F5B }
```

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

```
.background{ background-color:#402F5B }
```

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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