

# Converting Colors

Hex(402F57)

Have a look what the booklet for  
Hex(402F57) contains.

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# Color

**Hex(402F57)**

# Conversions

## Conversions Part 1

Format	Color
Hex	402F57
RGB	64, 47, 87
RGB Percent	25%, 18%, 34%
CMY	0.7490, 0.8157, 0.6588
CMYK	0.26, 0.46, 0.00, 0.66
HSL	266°, 30%, 26%
HSV	266°, 46%, 34%
XYZ	4.8512, 3.8111, 9.4968
YIQ	56.6430, -2.7080, 16.0440

# Conversions

## Conversions Part 2

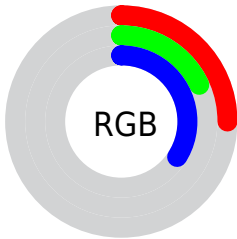
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 47, 87
Decimal	4206423
CIELab	23.04, 17.21, -21.39
CIELCh	23, 27.452, 308.814
Yxy	3.8111, 0.2671, 0.2099
Android (android.graphics.Color)	4282396503 (0xFF402F57)
YUV	56.6430, 14.9660, 6.4521
Hunter-Lab	19.5221, 10.1927, -15.1768

# Details

The Hex color **402F57** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **46572F**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **715D89**, and **160029** is the 20% darker color. If you saturate the color by 10%, you get **3B2657**, and if you desaturate by 10%, it is **453857**.

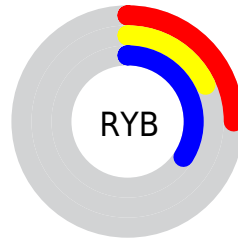
# Distribution



Red (25%)

Green (18%)

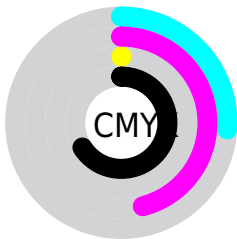
Blue (34%)



Red (25%)

Yellow (18%)

Blue (34%)

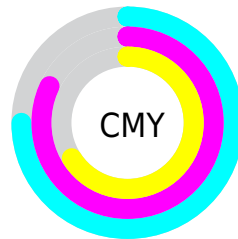


Cyan (26%)

Magenta (46%)

Yellow (0%)

Black (66%)



Cyan (75%)

Magenta (82%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 402F57 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 402F57 by changing the saturation by 10% instead.





402F57



402F57

FFFFFF



291A40



715D89



160029



8B76A3



000114



A590BF



000000



C1AADB



DDC6F7



F9E2FF



FFFEFF



402F57



402F57

■ 3B2657

■ 453857

■ 361E57

■ 4A4057

■ 311557

■ 4F4957

■ 2C0C57

■ 545257

■ 270457

■ 595B57

■ 250057

■ 5E6357

■ 636C57

■ 687557

■ 6D7D57

# Harmonies

## Analogous

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



1B375F



402F57



542746

# Triad

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



402F57



4E3110



00413D

# Complementary

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



402F57



46572F

# 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.



004027



402F57



3C380B

# Square

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



402F57



59291E



263D15



004050

# Rectangle

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



402F57



5B2439



263D15



004135



# Sweetspot

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



402F57



676070



2F4657



332F38



B8B8B8



383838



# Same Dimension

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



402F57



4D3270



542F57



29272B



2E006B



6400EB



# Inverse Universe

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



572F46



703256



32572F



2B272A



6B003E



EB0087



# Previews

## White Background



This preview shows how the Hex color 402F57 looks on a white background.

## Color Contrast Check

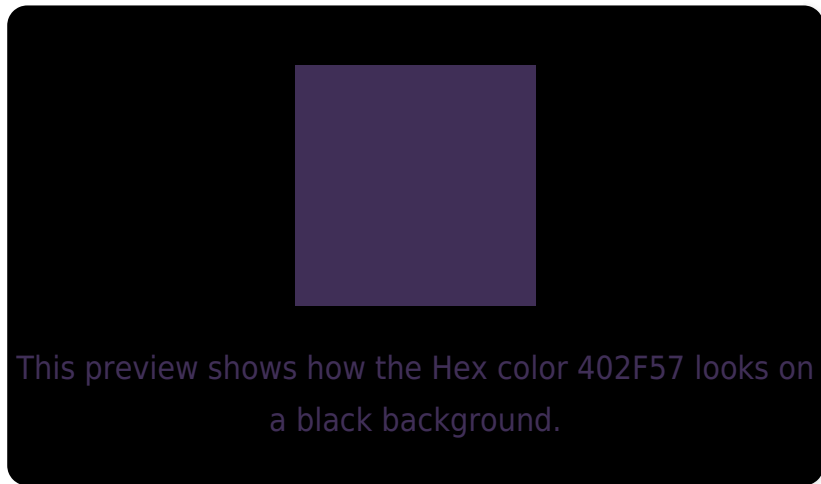
Large Text (above 18pt) WCAG AA ✓ Pass

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

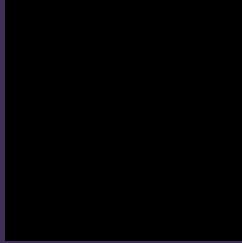
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 402F57 Background



This preview shows how black text looks on a background with the Hex color 402F57.



This preview shows how white text looks on a background with the Hex color 402F57.

# 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**  
402F57

**Protanopia**  
26365D

**Deuteranopia**  
283755



**Tritanopia**  
3B363A

# Trichromacy



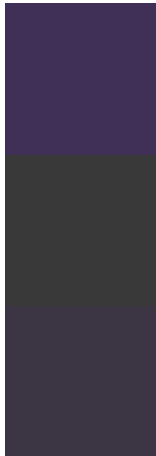
**Original Color**  
402F57

**Protanomaly**  
2F335B

**Deuteranomaly**  
313456

**Tritanomaly**  
3D3345

# Monochromacy



**Original Color**  
402F57

**Achromatopsia**  
393939

**Achromatomaly**  
3C3544

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 402F57 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 #402F57 looks like.

```
.text, #text, p{  
    color:#402F57  
}
```

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 #402F57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #402F57
}
```

## Border

The CSS property to change the border of an element to Hex 402F57 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
#402F57 }
```

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

```
.border{ border-color:#402F57 }
```

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

Here you see how a box with a 4 pixel #402F57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #402F57; -webkit-box-shadow:4px 4px  
4px 4px #402F57; box-shadow:4px 4px 4px  
4px #402F57 }
```

# Background

The CSS property to change the background color of an element to Hex 402F57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#402F57 }
```

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

```
.background{ background-color:#402F57 }
```

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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