

# Converting Colors

Hex(403F5A)

Have a look what the booklet for  
Hex(403F5A) contains.

<b>Hex(403F5A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(403F5A)

# Conversions

## Conversions Part 1

Format	Color
Hex	403F5A
RGB	64, 63, 90
RGB Percent	25%, 25%, 35%
CMY	0.7490, 0.7529, 0.6471
CMYK	0.29, 0.30, 0.00, 0.65
HSL	242°, 18%, 30%
HSV	242°, 30%, 35%
XYZ	5.7373, 5.3832, 10.4095
YIQ	66.3770, -8.0710, 8.6090

# Conversions

## Conversions Part 2

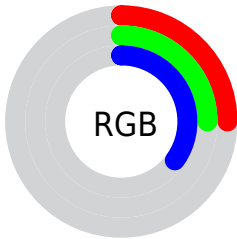
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 63, 90
Decimal	4210522
CIELab	27.80, 7.35, -15.93
CIElCh	28, 17.546, 294.750
Yxy	5.3832, 0.2665, 0.2500
Android (android.graphics.Color)	4282400602 (0xFF403F5A)
YUV	66.3770, 11.6461, -2.0846
Hunter-Lab	23.2017, 3.5366, -10.3595

# Details

The Hex color **403F5A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **595A3F**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **706F8C**, and **14152C** is the 20% darker color. If you saturate the color by 10%, you get **37365A**, and if you desaturate by 10%, it is **49485A**.

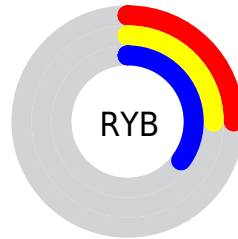
# Distribution



Red (25%)

Green (25%)

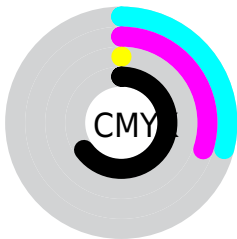
Blue (35%)



Red (25%)

Yellow (25%)

Blue (35%)

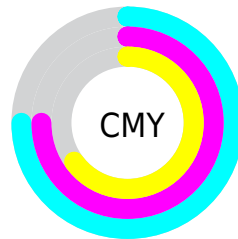


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (65%)



Cyan (75%)

Magenta (75%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 403F5A 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 403F5A by changing the saturation by 10% instead.





403F5A



403F5A

FFFFFF



292942



706F8C



14152C



8A88A7



000118



A5A2C2



000000



C0BDDE



DCD9FA



F8F5FF



403F5A



403F5A



37365A



49485A

■ 2F2D5A

■ 51515A

■ 26245A

■ 5A5A5A

■ 1D1B5A

■ 63635A

■ 15125A

■ 6B6C5A

■ 0C095A

■ 74755A

■ 03005A

■ 7D7E5A

■ 85875A

■ 8E905A

# Harmonies

## Analogous

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



2B445C



403F5A



503A51

# Triad

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



403F5A



573B2C



1F493F

# Complementary

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



403F5A



595A3F

# 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.



304732



403F5A



4D4027

# Square

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



403F5A



5C3837



3F4429



12494C

# Rectangle

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



403F5A



583849



3F4429



25483A



# Sweetspot

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



403F5A



6B6B75



3F595A



34343B



BABABA



3B3B3B



# Same Dimension

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



403F5A



4D4B75



4D3F5A



29292E



04006E



0900ED



# Inverse Universe

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



5A3F59



754B74



4C5A3F



2E292E



6E006A

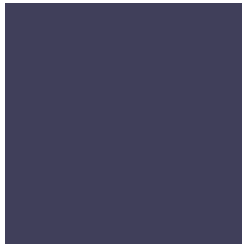


ED00E4



# Previews

## White Background



This preview shows how the Hex color 403F5A looks on a white background.

## Color Contrast Check

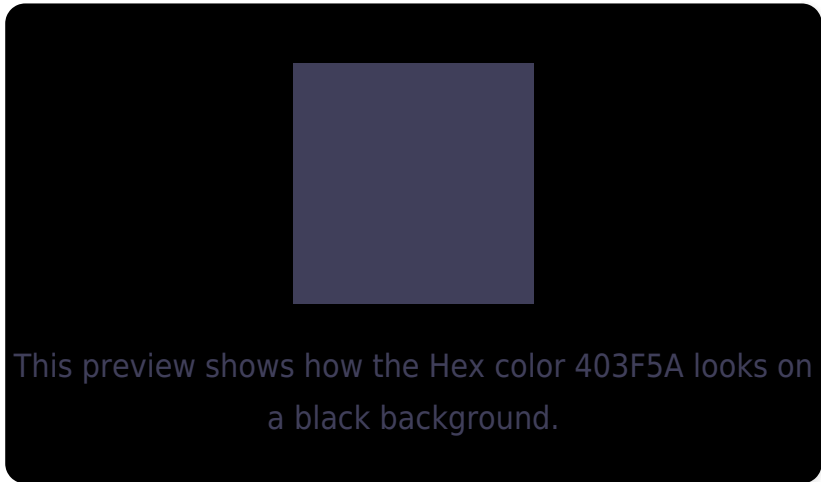
Large Text (above 18pt) WCAG AA ✓ Pass

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

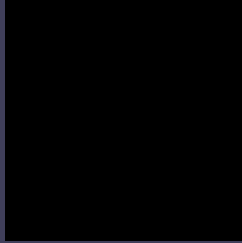
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 403F5A Background



This preview shows how black text looks on a background with the Hex color 403F5A.



This preview shows how white text looks on a background with the Hex color 403F5A.

# 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](#).

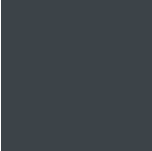
## Dichromacy



**Original Color**  
403F5A

**Protanopia**  
3A415B

**Deuteranopia**  
3A415A



**Tritanopia**  
3C4348

# Trichromacy



**Original Color**

403F5A

**Protanomaly**

3C405B

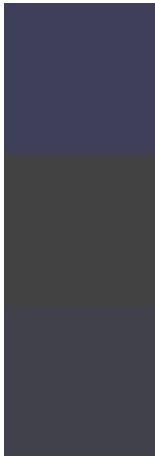
**Deuteranomaly**

3C405A

**Tritanomaly**

3D424F

# Monochromacy



**Original Color**

403F5A

**Achromatopsia**

424242

**Achromatomaly**

41414B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 403F5A 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 #403F5A looks like.

```
.text, #text, p{  
    color:#403F5A  
}
```

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 #403F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #403F5A
}
```

## Border

The CSS property to change the border of an element to Hex 403F5A 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
#403F5A }
```

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

```
.border{ border-color:#403F5A }
```

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

Here you see how a box with a 4 pixel #403F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #403F5A; -webkit-box-shadow:4px 4px  
4px 4px #403F5A; box-shadow:4px 4px 4px  
4px #403F5A }
```

# Background

The CSS property to change the background color of an element to Hex 403F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#403F5A }
```

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

```
.background{ background-color:#403F5A }
```

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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