

# Converting Colors

Hex(40394F)

Have a look what the booklet for  
Hex(40394F) contains.

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# Color

**Hex(40394F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	40394F
RGB	64, 57, 79
RGB Percent	25%, 22%, 31%
CMY	0.7490, 0.7765, 0.6902
CMYK	0.19, 0.28, 0.00, 0.69
HSL	259°, 16%, 27%
HSV	259°, 28%, 31%
XYZ	4.9888, 4.5808, 8.0184
YIQ	61.6010, -2.8900, 8.3260

# Conversions

## Conversions Part 2

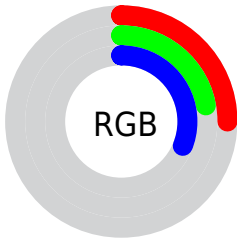
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 57, 79
Decimal	4208975
CIELab	25.51, 8.30, -12.27
CIELCh	26, 14.816, 304.090
Yxy	4.5808, 0.2836, 0.2604
Android (android.graphics.Color)	4282399055 (0xFF40394F)
YUV	61.6010, 8.5777, 2.1039
Hunter-Lab	21.4027, 4.1519, -7.2307




# Details

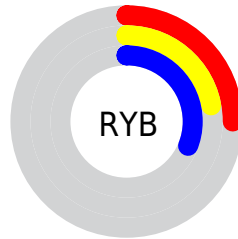
The Hex color **40394F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484F39**, and the grayscale version is **3E3E3E**.




A 20% lighter version of the original color is **706880**, and **160E23** is the 20% darker color. If you saturate the color by 10%, you get **3B314F**, and if you desaturate by 10%, it is **45414F**.

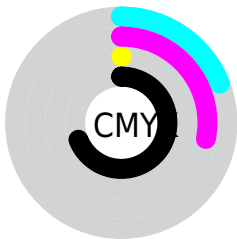
# Distribution







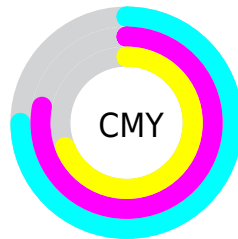
-  Red (25%)
-  Green (22%)
-  Blue (31%)






-  Red (25%)
-  Yellow (22%)
-  Blue (31%)



-  Cyan (19%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (75%)
-  Magenta (78%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 40394F 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 40394F by changing the saturation by 10% instead.



■ 40394F

■ 40394F

FFFFFF

■ 2A2338

■ 706880

■ 160E23

■ 8A819A

■ 00000B

■ A49BB5

■ 000000

■ BFB6D1

■ DBD2ED

■ F7EEFF

■ 40394F

■ 40394F

■ 3B314F

■ 45414F

■ 35294F

■ 4B494F

■ 30214F

■ 50514F

■ 2A194F

■ 56594F

■ 25124F

■ 5B614F

■ 200A4F

■ 60684F

■ 1A024F

■ 66704F

■ 19004F

■ 6B784F

■ 70804F

# Harmonies

## Analogous

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



303D53



40394F



4C3646

# Triad

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



40394F



4C3829



1D433E

# Complementary

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



40394F



484F39

# 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.



2A4232



40394F



433C26

# Square

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



40394F



523530



37402A



184249

# Rectangle

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



40394F



51343F



37402A



21423A



# Sweetspot

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



40394F



605E66



39484F



302E33



B3B3B3



333333



# Same Dimension

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



40394F



4F4466



4B394F



242226



200066



4900E6



# Inverse Universe

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



4F3948



66445B



3D4F39



262225



660046



E6009C



# Previews

## White Background



This preview shows how the Hex color 40394F looks on a white background.

## Color Contrast Check

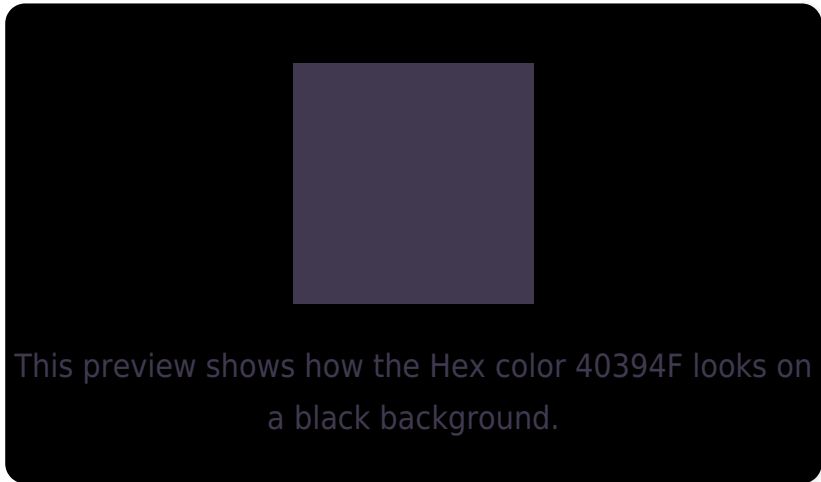
Large Text (above 18pt) WCAG AA ✓ Pass

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

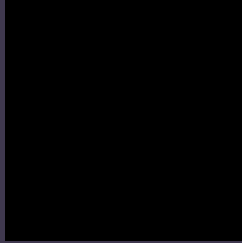
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 40394F Background



This preview shows how black text looks on a background with the Hex color 40394F.

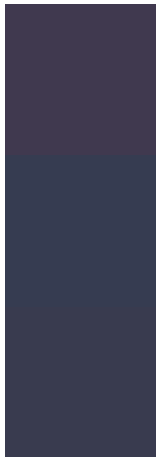


This preview shows how white text looks on a background with the Hex color 40394F.

# 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**  
40394F

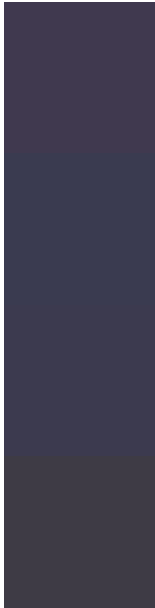
**Protanopia**  
363C51

**Deuteranopia**  
393B4F



**Tritanopia**  
3D3C40

# Trichromacy



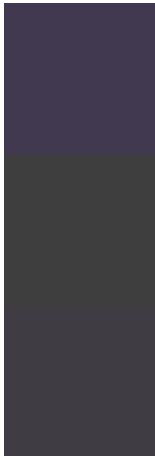
**Original Color**  
40394F

**Protanomaly**  
3A3B50

**Deuteranomaly**  
3C3A4F

**Tritanomaly**  
3E3B45

# Monochromacy



**Original Color**  
40394F

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3F3C44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 40394F 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 #40394F looks like.

```
.text, #text, p{  
    color:#40394F  
}
```

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 #40394F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40394F
}
```

## Border

The CSS property to change the border of an element to Hex 40394F is called "border". The border property can be set on classes, ids or directly on the HTML element.

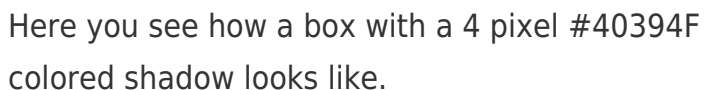
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#40394F }
```

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

```
.border{ border-color:#40394F }
```

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



Here you see how a box with a 4 pixel #40394F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40394F; -webkit-box-shadow:4px 4px  
4px 4px #40394F; box-shadow:4px 4px 4px  
4px #40394F }
```

# Background

The CSS property to change the background color of an element to Hex 40394F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40394F }
```

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

```
.background{ background-color:#40394F }
```

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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