

Converting Colors

Hex(3D394F)

Have a look what the booklet for
Hex(3D394F) contains.

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Color

Hex(3D394F)

Conversions

Conversions Part 1

Format	Color
Hex	3D394F
RGB	61, 57, 79
RGB Percent	24%, 22%, 31%
CMY	0.7608, 0.7765, 0.6902
CMYK	0.23, 0.28, 0.00, 0.69
HSL	251°, 16%, 27%
HSV	251°, 28%, 31%
XYZ	4.7989, 4.4829, 8.0095
YIQ	60.7040, -4.6780, 7.6900

Conversions

Conversions Part 2

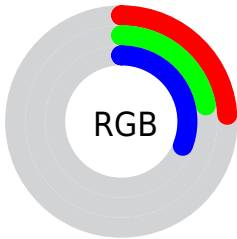
Format	Color
RYB	61, 57, 79
Decimal	4012367
CIELab	25.21, 7.18, -12.75
CIElCh	25, 14.636, 299.387
Yxy	4.4829, 0.2775, 0.2593
Android (android.graphics.Color)	4282202447 (0xFF3D394F)
YUV	60.7040, 9.0199, 0.2596
Hunter-Lab	21.1728, 3.4052, -7.6080

Details

The Hex color **3D394F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4F39**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6D6880**, and **130E23** is the 20% darker color. If you saturate the color by 10%, you get **37314F**, and if you desaturate by 10%, it is **43414F**.

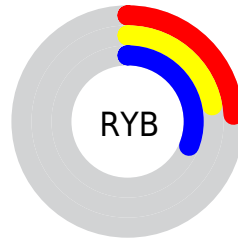
Distribution



Red (24%)

Green (22%)

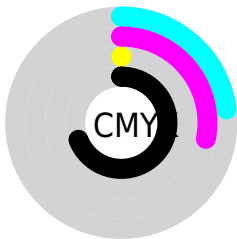
Blue (31%)



Red (24%)

Yellow (22%)

Blue (31%)

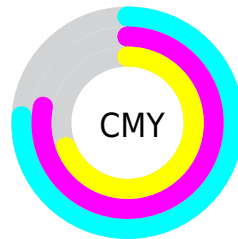


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (69%)



Cyan (76%)

Magenta (78%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D394F 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 3D394F by changing the saturation by 10% instead.



3D394F



3D394F

FFFFFF



272438



6D6880



130E23



86819A



00000B



A09BB5



000000



BCB6D1



D7D1ED



F4EEFF



3D394F



3D394F



37314F



43414F

■ 30294F

■ 4A494F

■ 2A214F

■ 50514F

■ 23194F

■ 57594F

■ 1D124F

■ 5D614F

■ 160A4F

■ 64684F

■ 10024F

■ 6A704F

■ 0E004F

■ 71784F

■ 77804F

Harmonies

Analogous

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



2D3D52



3D394F



4A3547

Triad

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



3D394F



4D3729



1F423B

Complementary

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



3D394F



4B4F39

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.



2B4130



3D394F



443B26

Square

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



3D394F



523431



383E28



184246

Rectangle

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



3D394F



4F3440



383E28



234237

Sweetspot

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



3D394F



5F5E66



394B4F



2F2E33



B3B3B3



333333

Same Dimension

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



3D394F



4A4466



48394F



232226



130066



2A00E6

Inverse Universe

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



4F394B



664460



404F39



262226



660053



E600BC

Previews

White Background



This preview shows how the Hex color 3D394F looks on a white background.

Color Contrast Check

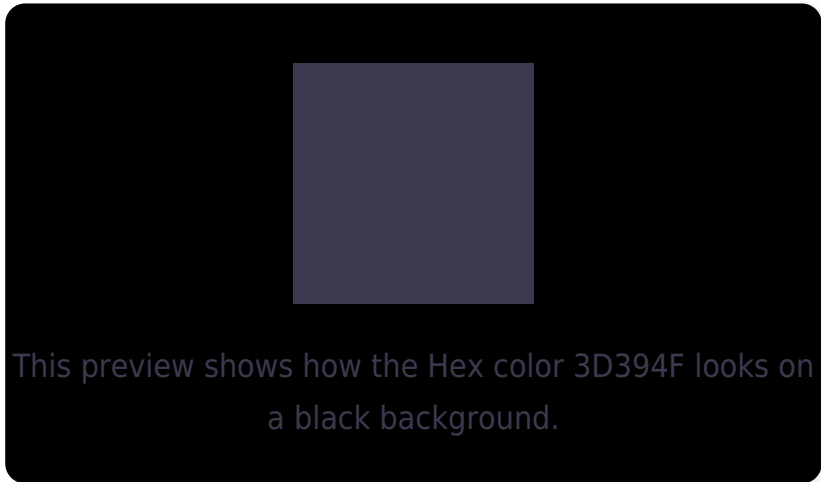
Large Text (above 18pt) WCAG AA ✓ Pass

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

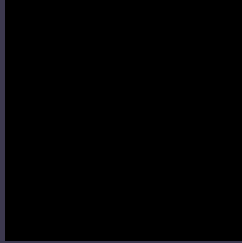
Any Text WCAG AA × Fail

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 3D394F Background



This preview shows how black text looks on a background with the Hex color 3D394F.



This preview shows how white text looks on a background with the Hex color 3D394F.

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](#).

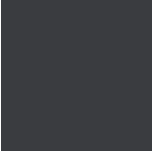
Dichromacy



Original Color
3D394F

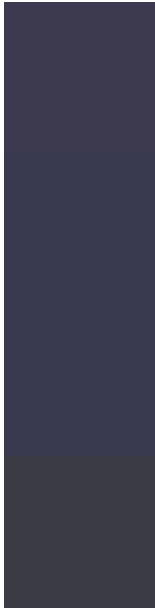
Protanopia
363B51

Deuteranopia
373B4F



Tritanopia
3A3C40

Trichromacy



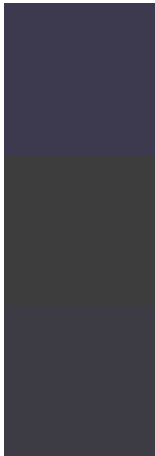
Original Color
3D394F

Protanomaly
393A50

Deuteranomaly
393A4F

Tritanomaly
3B3B45

Monochromacy



Original Color
3D394F

Achromatopsia
3D3D3D

Achromatomaly
3D3C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D394F 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 #3D394F looks like.

```
.text, #text, p{  
    color:#3D394F  
}
```

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 #3D394F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D394F
}
```

Border

The CSS property to change the border of an element to Hex 3D394F is called "border". The border property can be set on classes, ids or directly on the HTML element.

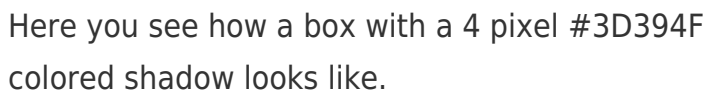
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D394F }
```

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

```
.border{ border-color:#3D394F }
```

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



Here you see how a box with a 4 pixel #3D394F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D394F; -webkit-box-shadow:4px 4px  
4px 4px #3D394F; box-shadow:4px 4px 4px  
4px #3D394F }
```

Background

The CSS property to change the background color of an element to Hex 3D394F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D394F }
```

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

```
.background{ background-color:#3D394F }
```

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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