

Converting Colors

Hex(3D344F)

Have a look what the booklet for
Hex(3D344F) contains.

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Color

Hex(3D344F)

Conversions

Conversions Part 1

Format	Color
Hex	3D344F
RGB	61, 52, 79
RGB Percent	24%, 20%, 31%
CMY	0.7608, 0.7961, 0.6902
CMYK	0.23, 0.34, 0.00, 0.69
HSL	260°, 21%, 26%
HSV	260°, 34%, 31%
XYZ	4.5637, 4.0126, 7.9311
YIQ	57.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

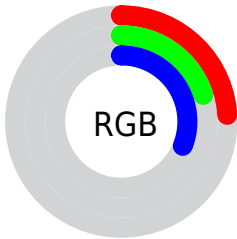
Format	Color
RYB	61, 52, 79
Decimal	4011087
CIELab	23.71, 10.55, -15.06
CIELCh	24, 18.387, 305.034
Yxy	4.0126, 0.2765, 0.2431
Android (android.graphics.Color)	4282201167 (0xFF3D344F)
YUV	57.7690, 10.4669, 2.8336
Hunter-Lab	20.0315, 5.6124, -9.4528

Details

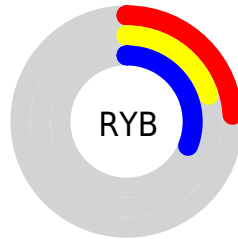
The Hex color **3D344F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **464F34**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6D6280**, and **130723** is the 20% darker color. If you saturate the color by 10%, you get **382C4F**, and if you desaturate by 10%, it is **423C4F**.

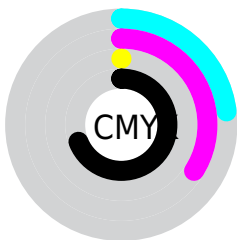
Distribution



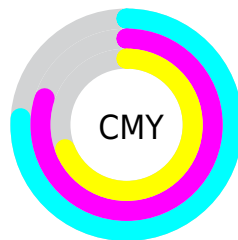
- Red (24%)
- Green (20%)
- Blue (31%)



- Red (24%)
- Yellow (20%)
- Blue (31%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (69%)



- Cyan (76%)
- Magenta (80%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D344F 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 3D344F by changing the saturation by 10% instead.

■ 3D344F

■ 3D344F

FFFFFF

■ 271F38

■ 6D6280

■ 130723

■ 867B9A

■ 00000A

■ A195B5

■ 000000

■ BCB0D1

■ D8CBED

■ F4E7FF

■ 3D344F

■ 3D344F

■ 382C4F

■ 423C4F

■ 32244F

■ 48444F

■ 2D1C4F

■ 4D4C4F

■ 28144F

■ 52544F

■ 230C4F

■ 575C4F

■ 1D054F

■ 5D634F

■ 1A004F

■ 626B4F

■ 67734F

■ 6C7B4F

Harmonies

Analogous

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



283954



3D344F



4C2F44

Triad

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



3D344F



4B3420



0A403A

Complementary

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



3D344F



464F34

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.



1F3F2C



3D344F



3F381D

Square

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



3D344F



522F29



303C21



003F48

Rectangle

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



3D344F



512E3B



303C21



124036

Sweetspot

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



3D344F



5F5C66



34464F



2F2D33



B3B3B3



333333

Same Dimension

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



3D344F



4A3C66



4B344F



242226



220066



4C00E6

Inverse Universe

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



4F3446



663C58



394F34



262225



660044



E60099

Previews

White Background



This preview shows how the Hex color 3D344F looks on a white background.

Color Contrast Check

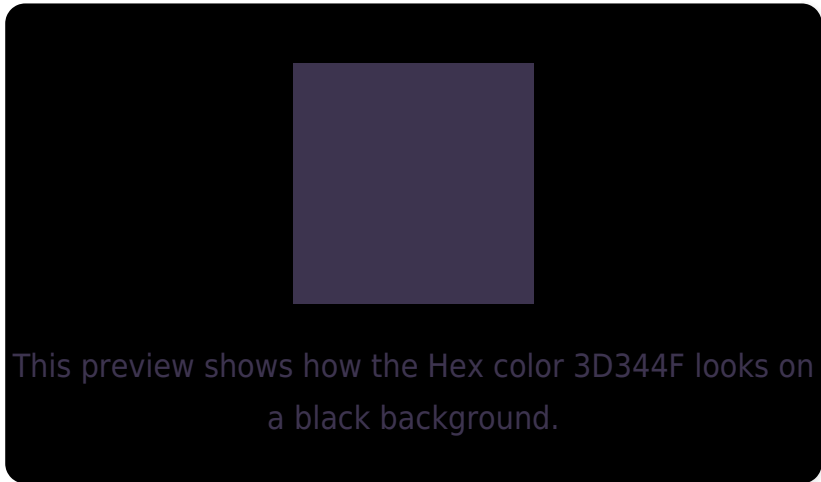
Large Text (above 18pt) WCAG AA ✓ Pass

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

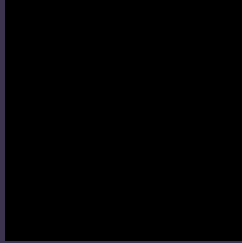
Any Text WCAG AA × Fail

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 3D344F Background



This preview shows how black text looks on a background with the Hex color 3D344F.



This preview shows how white text looks on a background with the Hex color 3D344F.

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
3D344F

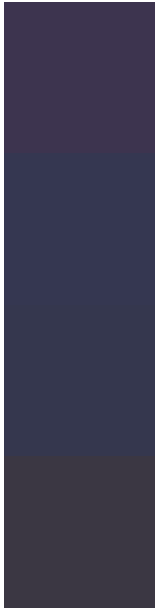
Protanopia
303852

Deuteranopia
31384E



Tritanopia
3A383C

Trichromacy



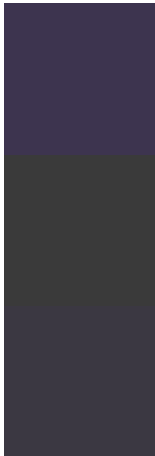
Original Color
3D344F

Protanomaly
353751

Deuteranomaly
35374E

Tritanomaly
3B3743

Monochromacy



Original Color
3D344F

Achromatopsia
3A3A3A

Achromatomaly
3B3842

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D344F 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 #3D344F looks like.

```
.text, #text, p{  
    color:#3D344F  
}
```

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 #3D344F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D344F
}
```

Border

The CSS property to change the border of an element to Hex 3D344F is called "border". The border property can be set on classes, ids or directly on the HTML element.

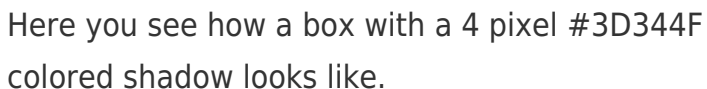
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D344F }
```

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

```
.border{ border-color:#3D344F }
```

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



Here you see how a box with a 4 pixel #3D344F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D344F; -webkit-box-shadow:4px 4px  
4px 4px #3D344F; box-shadow:4px 4px 4px  
4px #3D344F }
```

Background

The CSS property to change the background color of an element to Hex 3D344F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D344F }
```

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

```
.background{ background-color:#3D344F }
```

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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