

Converting Colors

Hex(3C304F)

Have a look what the booklet for
Hex(3C304F) contains.

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Color

Hex(3C304F)

Conversions

Conversions Part 1

Format	Color
Hex	3C304F
RGB	60, 48, 79
RGB Percent	24%, 19%, 31%
CMY	0.7647, 0.8118, 0.6902
CMYK	0.24, 0.39, 0.00, 0.69
HSL	263°, 24%, 25%
HSV	263°, 39%, 31%
XYZ	4.3317, 3.6391, 7.8712
YIQ	55.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

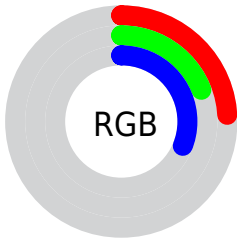
Format	Color
R_{YB}	60, 48, 79
Decimal	3944527
CIE _{Lab}	22.44, 12.91, -17.04
CIE _{LCh}	22, 21.375, 307.144
Yxy	3.6391, 0.2734, 0.2297
Android (android.graphics.Color)	4282134607 (0xFF3C304F)
YUV	55.1220, 11.7719, 4.2780
Hunter-Lab	19.0764, 7.1488, -11.1106

Details

The Hex color **3C304F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **434F30**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6C5E80**, and **130123** is the 20% darker color. If you saturate the color by 10%, you get **37284F**, and if you desaturate by 10%, it is **41384F**.

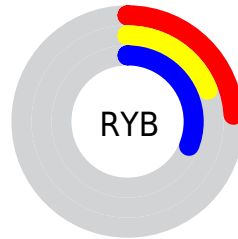
Distribution



 Red (24%)

 Green (19%)

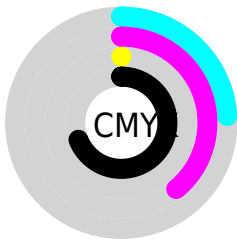
 Blue (31%)



 Red (24%)

 Yellow (19%)

 Blue (31%)

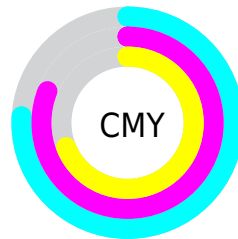


 Cyan (24%)

 Magenta (39%)

 Yellow (0%)

 Black (69%)



 Cyan (76%)

 Magenta (81%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C304F 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 3C304F by changing the saturation by 10% instead.

■ 3C304F

■ 3C304F

FFFFFF

■ 261B38

■ 6C5E80

■ 130123

■ 86779A

■ 00000A

■ A091B5

■ 000000

■ BBABD1

■ D7C6ED

■ F3E2FF

■ 3C304F

■ 3C304F

■ 37284F

■ 41384F

■ 32204F

■ 46404F

■ 2D184F

■ 4B484F

■ 29104F

■ 4F504F

■ 24094F

■ 54584F

■ 1F014F

■ 595F4F

■ 1F004F

■ 5E674F

■ 636F4F

■ 68774F

Harmonies

Analogous

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



223655



3C304F



4C2B42

Triad

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



3C304F



493018



003E39

Complementary

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



3C304F



434F30

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.



153D29



3C304F



3C3615

Square

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



3C304F



522B23



2B3A1B



003D48

Rectangle

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



3C304F



522938



2B3A1B



003E34

Sweetspot

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



3C304F



5E5A66



30434F



2F2C33



B3B3B3



333333

Same Dimension

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



3C304F



493666



4B304F



242226



270066



5900E6

Inverse Universe

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



4F3043



663653



344F30



262225



66003F



E6008D

Previews

White Background



This preview shows how the Hex color 3C304F looks on a white background.

Color Contrast Check

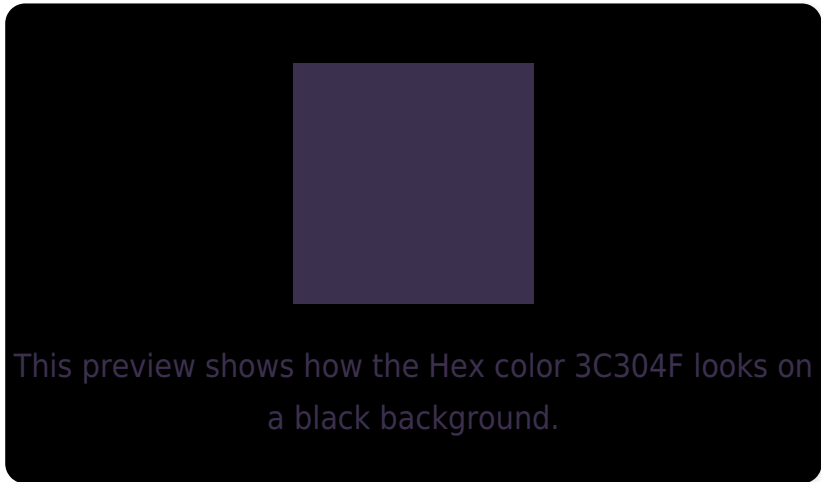
Large Text (above 18pt) WCAG AA ✓ Pass

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

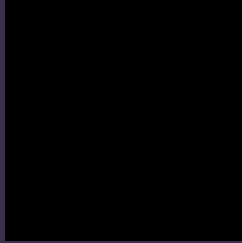
Any Text WCAG AA × Fail

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 3C304F Background



This preview shows how black text looks on a background with the Hex color 3C304F.

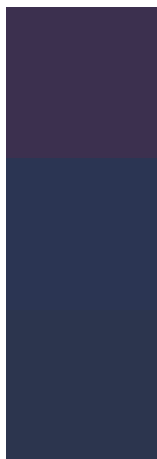


This preview shows how white text looks on a background with the Hex color 3C304F.

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
3C304F

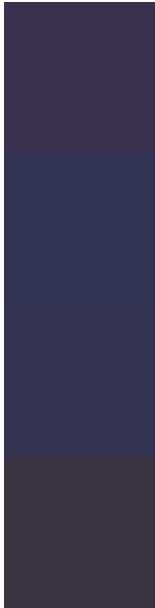
Protanopia
2B3553

Deuteranopia
2C354E



Tritanopia
383539

Trichromacy



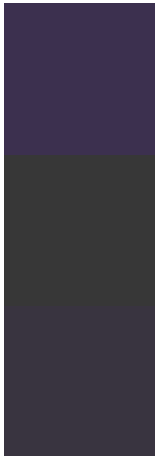
Original Color
3C304F

Protanomaly
313352

Deuteranomaly
32334E

Tritanomaly
393341

Monochromacy



Original Color
3C304F

Achromatopsia
373737

Achromatomaly
393440

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C304F 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 #3C304F looks like.

```
.text, #text, p{  
    color:#3C304F  
}
```

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 #3C304F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C304F
}
```

Border

The CSS property to change the border of an element to Hex 3C304F is called "border". The border property can be set on classes, ids or directly on the HTML element.

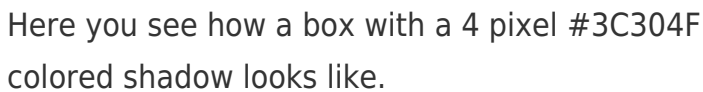
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C304F }
```

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

```
.border{ border-color:#3C304F }
```

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



Here you see how a box with a 4 pixel #3C304F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C304F; -webkit-box-shadow:4px 4px  
4px 4px #3C304F; box-shadow:4px 4px 4px  
4px #3C304F }
```

Background

The CSS property to change the background color of an element to Hex 3C304F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C304F }
```

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

```
.background{ background-color:#3C304F }
```

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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