

Converting Colors

Hex(3C334D)

Have a look what the booklet for
Hex(3C334D) contains.

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Color

Hex(3C334D)

Conversions

Conversions Part 1

Format	Color
Hex	3C334D
RGB	60, 51, 77
RGB Percent	24%, 20%, 30%
CMY	0.7647, 0.8000, 0.6980
CMYK	0.22, 0.34, 0.00, 0.70
HSL	261°, 20%, 25%
HSV	261°, 34%, 30%
XYZ	4.3869, 3.8641, 7.5358
YIQ	56.6550, -2.9820, 9.9940

Conversions

Conversions Part 2

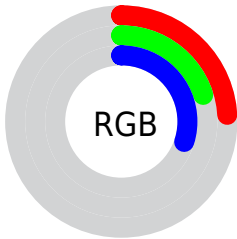
Format	Color
RYB	60, 51, 77
Decimal	3945293
CIELab	23.22, 10.31, -14.50
CIElCh	23, 17.793, 305.426
Yxy	3.8641, 0.2779, 0.2448
Android (android.graphics.Color)	4282135373 (0xFF3C334D)
YUV	56.6550, 10.0301, 2.9336
Hunter-Lab	19.6574, 5.4347, -8.9691

Details

The Hex color **3C334D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **444D33**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C617E**, and **130521** is the 20% darker color. If you saturate the color by 10%, you get **372B4D**, and if you desaturate by 10%, it is **413B4D**.

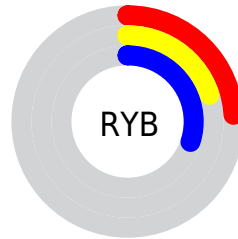
Distribution



Red (24%)

Green (20%)

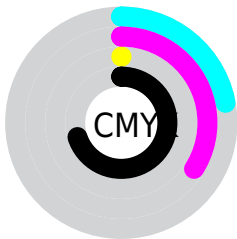
Blue (30%)



Red (24%)

Yellow (20%)

Blue (30%)

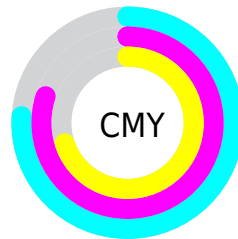


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (70%)



Cyan (76%)

Magenta (80%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C334D 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 3C334D by changing the saturation by 10% instead.

■ 3C334D

■ 3C334D

FFFFFF

■ 261E36

■ 6C617E

■ 130521

■ 857A98

■ 000007

■ 9F94B3

■ 000000

■ BBAFCE

■ D6CAEB

■ F3E6FF

■ 3C334D

■ 3C334D

■ 372B4D

■ 413B4D

■ 32244D

■ 46424D

■ 2D1C4D

■ 4B4A4D

■ 28144D

■ 50524D

■ 230D4D

■ 555A4D

■ 1E054D

■ 5A614D

■ 1B004D

■ 5F694D

■ 64714D

■ 69784D

Harmonies

Analogous

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



283852



3C334D



4A2F43

Triad

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



3C334D



49331F



0B3E39

Complementary

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



3C334D



444D33

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.



1F3D2C



3C334D



3E371D

Square

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



3C334D



502F29



2F3B21



003E46

Rectangle

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



3C334D



4F2D3A



2F3B21



123E35

Sweetspot

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



3C334D



5D5A63



33444D



2F2D33



B3B3B3



333333

Same Dimension

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



3C334D



493B63



49334D



242226



230066



4F00E6

Inverse Universe

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



4D3344



633B55



374D33



262225



660043



E60096

Previews

White Background



This preview shows how the Hex color 3C334D looks on a white background.

Color Contrast Check

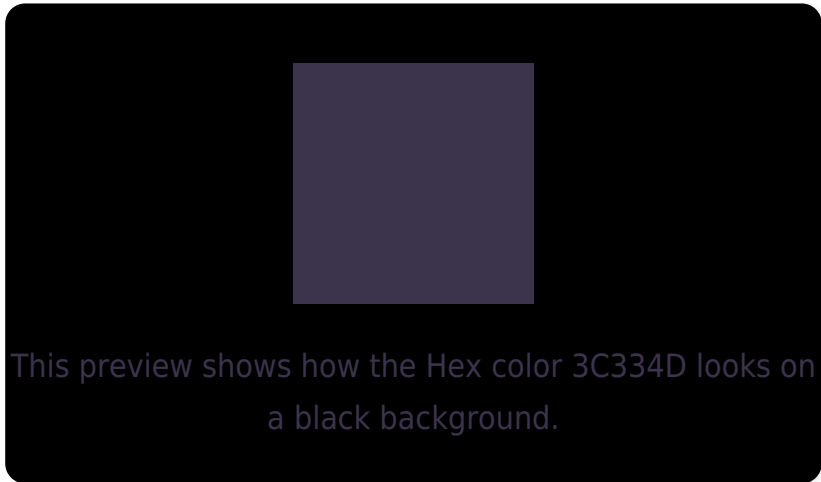
Large Text (above 18pt) WCAG AA ✓ Pass

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

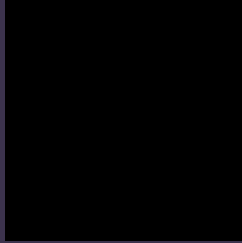
Any Text WCAG AA × Fail

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 3C334D Background



This preview shows how black text looks on a background with the Hex color 3C334D.



This preview shows how white text looks on a background with the Hex color 3C334D.

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
3C334D

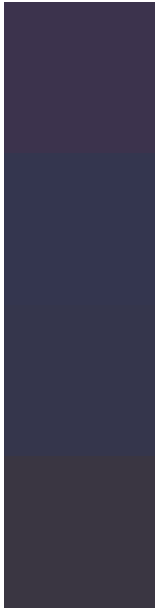
Protanopia
2F3750

Deuteranopia
31374C



Tritanopia
39373B

Trichromacy



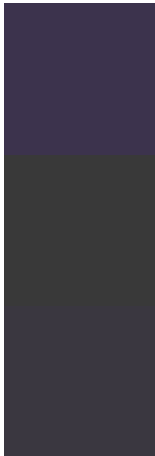
Original Color
3C334D

Protanomaly
34364F

Deuteranomaly
35364C

Tritanomaly
3A3642

Monochromacy



Original Color
3C334D

Achromatopsia
393939

Achromatomaly
3A3740

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C334D 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 #3C334D looks like.

```
.text, #text, p{  
    color:#3C334D  
}
```

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 #3C334D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C334D
}
```

Border

The CSS property to change the border of an element to Hex 3C334D is called "border". The border property can be set on classes, ids or directly on the HTML element.

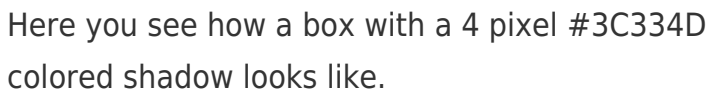
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C334D }
```

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

```
.border{ border-color:#3C334D }
```

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



Here you see how a box with a 4 pixel #3C334D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C334D; -webkit-box-shadow:4px 4px  
4px 4px #3C334D; box-shadow:4px 4px 4px  
4px #3C334D }
```

Background

The CSS property to change the background color of an element to Hex 3C334D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C334D }
```

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

```
.background{ background-color:#3C334D }
```

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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