

Converting Colors

Hex(3E364B)

Have a look what the booklet for
Hex(3E364B) contains.

Hex(3E364B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E364B)

Conversions

Conversions Part 1

Format	Color
Hex	3E364B
RGB	62, 54, 75
RGB Percent	24%, 21%, 29%
CMY	0.7569, 0.7882, 0.7059
CMYK	0.17, 0.28, 0.00, 0.71
HSL	263°, 16%, 25%
HSV	263°, 28%, 29%
XYZ	4.5758, 4.1705, 7.2204
YIQ	58.7860, -1.9730, 8.2270

Conversions

Conversions Part 2

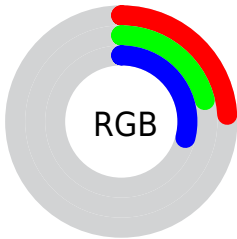
Format	Color
RYB	62, 54, 75
Decimal	4077131
CIELab	24.23, 8.50, -11.60
CIELCh	24, 14.376, 306.238
Yxy	4.1705, 0.2866, 0.2612
Android (android.graphics.Color)	4282267211 (0xFF3E364B)
YUV	58.7860, 7.9935, 2.8187
Hunter-Lab	20.4217, 4.2574, -6.6677

Details

The Hex color **3E364B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **434B36**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6E657C**, and **140A1F** is the 20% darker color. If you saturate the color by 10%, you get **392F4B**, and if you desaturate by 10%, it is **433E4B**.

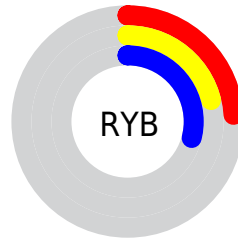
Distribution



Red (24%)

Green (21%)

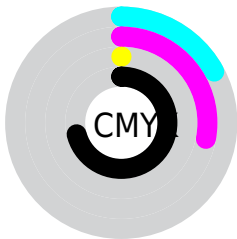
Blue (29%)



Red (24%)

Yellow (21%)

Blue (29%)

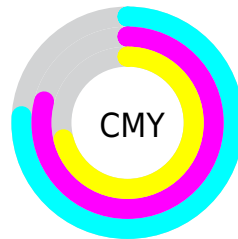


Cyan (17%)

Magenta (28%)

Yellow (0%)

Black (71%)



Cyan (76%)

Magenta (79%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E364B 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 3E364B by changing the saturation by 10% instead.



3E364B



3E364B

FFFFFF



282134



6E657C



140A1F



877E96



000004



A198B0



000000



BDB2CC



D8CEE8



F5EAFF



3E364B



3E364B



392F4B



433E4B

■ 35274B

■ 47454B

■ 30204B

■ 4C4D4B

■ 2B184B

■ 51544B

■ 27104B

■ 555C4B

■ 22094B

■ 5A634B

■ 1D024B

■ 5F6B4B

■ 1D004B

■ 63724B

■ 687A4B

Harmonies

Analogous

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



2F3A4F



3E364B



493342

Triad

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



3E364B



483626



1B403C

Complementary

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



3E364B



434B36

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.



273F31



3E364B



3F3A24

Square

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



3E364B



4E332D



333D28



163F46

Rectangle

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



3E364B



4E323B



333D28



1E3F38

Sweetspot

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



3E364B



5C5961



36434B



2D2C30



B0B0B0



303030

Same Dimension

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



3E364B



4D4061



48364B



242226



270066



5700E6

Inverse Universe

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



4B3643



614054



394B36



262225



66003F



E6008E

Previews

White Background



This preview shows how the Hex color 3E364B looks on a white background.

Color Contrast Check

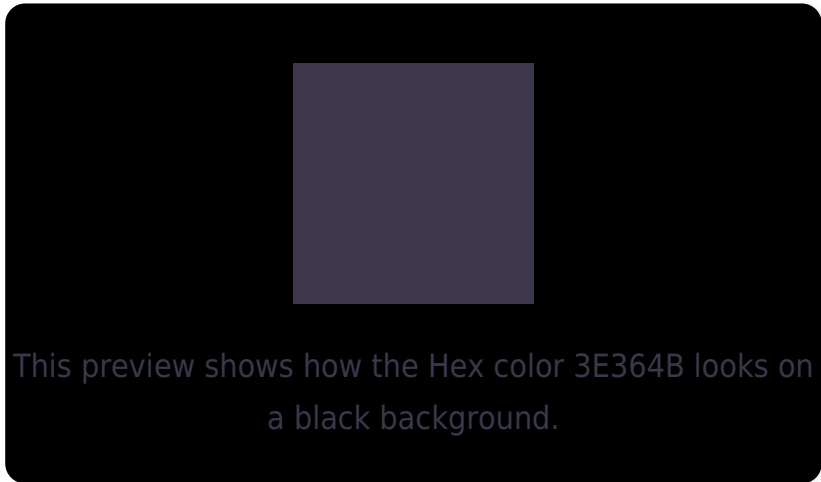
Large Text (above 18pt) WCAG AA ✓ Pass

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

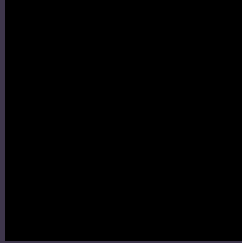
Any Text WCAG AA × Fail

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 3E364B Background



This preview shows how black text looks on a background with the Hex color 3E364B.

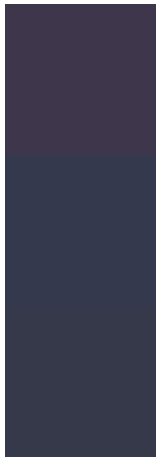


This preview shows how white text looks on a background with the Hex color 3E364B.

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
3E364B

Protanopia
34394D

Deuteranopia
36394A



Tritanopia
3C393D

Trichromacy



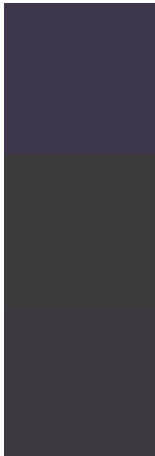
Original Color
3E364B

Protanomaly
38384C

Deuteranomaly
39384A

Tritanomaly
3D3842

Monochromacy



Original Color
3E364B

Achromatopsia
3B3B3B

Achromatomaly
3C3941

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E364B 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 #3E364B looks like.

```
.text, #text, p{  
    color:#3E364B  
}
```

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 #3E364B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E364B
}
```

Border

The CSS property to change the border of an element to Hex 3E364B is called "border". The border property can be set on classes, ids or directly on the HTML element.

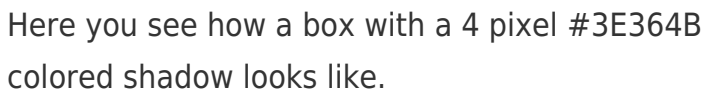
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E364B }
```

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

```
.border{ border-color:#3E364B }
```

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



Here you see how a box with a 4 pixel #3E364B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E364B; -webkit-box-shadow:4px 4px  
4px 4px #3E364B; box-shadow:4px 4px 4px  
4px #3E364B }
```

Background

The CSS property to change the background color of an element to Hex 3E364B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E364B }
```

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

```
.background{ background-color:#3E364B }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor