

Converting Colors

Hex(3B344B)

Have a look what the booklet for
Hex(3B344B) contains.

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Color

Hex(3B344B)

Conversions

Conversions Part 1

Format	Color
Hex	3B344B
RGB	59, 52, 75
RGB Percent	23%, 20%, 29%
CMY	0.7686, 0.7961, 0.7059
CMYK	0.21, 0.31, 0.00, 0.71
HSL	258°, 18%, 25%
HSV	258°, 31%, 29%
XYZ	4.3016, 3.8938, 7.1815
YIQ	56.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

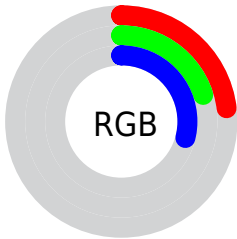
Format	Color
R_{YB}	59, 52, 75
Decimal	3880011
CIE Lab	23.32, 8.71, -13.02
CIE LCh	23, 15.665, 303.794
Yxy	3.8938, 0.2797, 0.2532
Android (android.graphics.Color)	4282070091 (0xFF3B344B)
YUV	56.7150, 9.0145, 2.0039
Hunter-Lab	19.7327, 4.3799, -7.7650

Details

The Hex color **3B344B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **444B34**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6B627C**, and **11071F** is the 20% darker color. If you saturate the color by 10%, you get **362D4B**, and if you desaturate by 10%, it is **403B4B**.

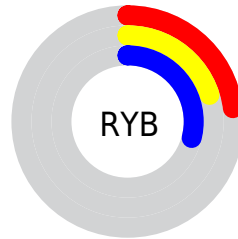
Distribution



Red (23%)

Green (20%)

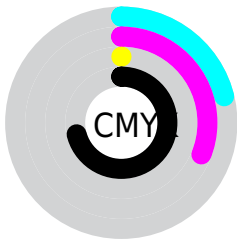
Blue (29%)



Red (23%)

Yellow (20%)

Blue (29%)

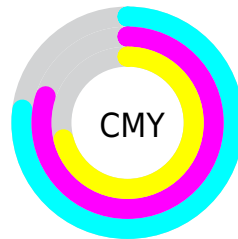


Cyan (21%)

Magenta (31%)

Yellow (0%)

Black (71%)



Cyan (77%)

Magenta (80%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B344B 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 3B344B by changing the saturation by 10% instead.

■ 3B344B

■ 3B344B

FFFFFF

■ 251F34

■ 6B627C

■ 11071F

■ 847B96

■ 000004

■ 9E95B0

■ 000000

■ B9B0CC

■ D5CBE8

■ F1E7FF

■ 3B344B

■ 3B344B

■ 362D4B

■ 403B4B

■ 31254B

■ 45434B

■ 2B1D4B

■ 4B4B4B

■ 26164B

■ 50524B

■ 210E4B

■ 555A4B

■ 1C074B

■ 5A614B

■ 17004B

■ 60694B

■ 65704B

■ 6A784B

Harmonies

Analogous

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



2A384F



3B344B



483042

Triad

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



3B344B



483323



153E39

Complementary

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



3B344B



444B34

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.



243D2D



3B344B



3E3720

Square

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



3B344B



4E302B



323B24



0D3D44

Rectangle

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



3B344B



4D2F3A



323B24



1A3E35

Sweetspot

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



3B344B



5B5861



34444B



2D2B30



B0B0B0



303030

Same Dimension

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



3B344B



483D61



46344B



242226



1F0066



4600E6

Inverse Universe

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



4B3444



613D56



394B34



262225



660047



E600A0

Previews

White Background



This preview shows how the Hex color 3B344B looks on a white background.

Color Contrast Check

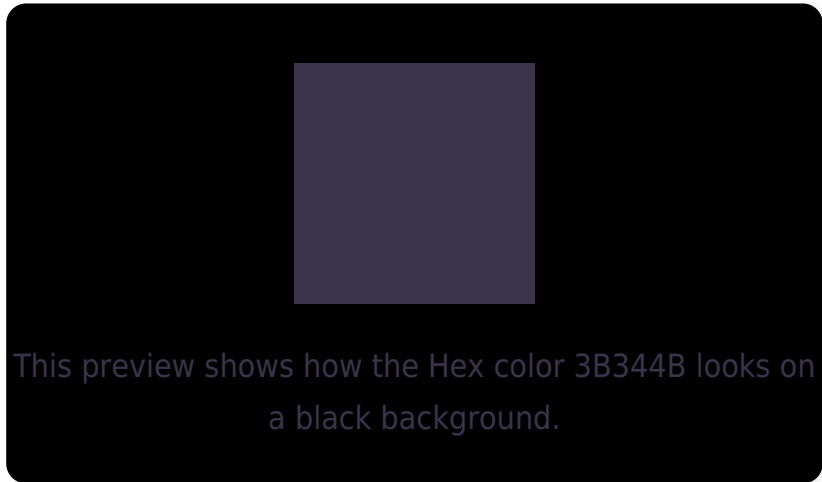
Large Text (above 18pt) WCAG AA ✓ Pass

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

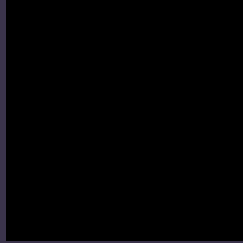
Any Text WCAG AA × Fail

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 3B344B Background



This preview shows how black text looks on a background with the Hex color 3B344B.

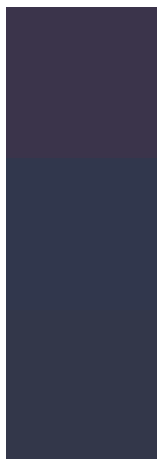


This preview shows how white text looks on a background with the Hex color 3B344B.

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

3B344B

Protanopia

31374D

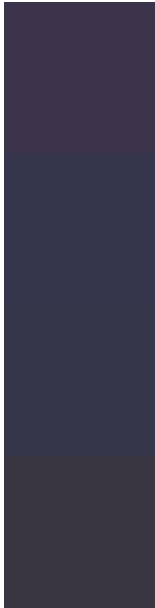
Deuteranopia

33374A



Tritanopia
38373B

Trichromacy



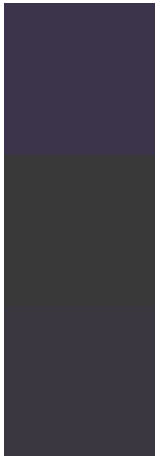
Original Color
3B344B

Protanomaly
35364C

Deuteranomaly
36364A

Tritanomaly
393641

Monochromacy



Original Color
3B344B

Achromatopsia
393939

Achromatomaly
3A3740

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B344B 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 #3B344B looks like.

```
.text, #text, p{  
    color:#3B344B  
}
```

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 #3B344B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B344B
}
```

Border

The CSS property to change the border of an element to Hex 3B344B is called "border". The border property can be set on classes, ids or directly on the HTML element.

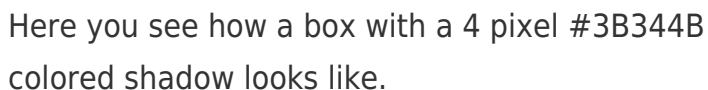
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B344B }
```

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

```
.border{ border-color:#3B344B }
```

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



Here you see how a box with a 4 pixel #3B344B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B344B; -webkit-box-shadow:4px 4px  
4px 4px #3B344B; box-shadow:4px 4px 4px  
4px #3B344B }
```

Background

The CSS property to change the background color of an element to Hex 3B344B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B344B }
```

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

```
.background{ background-color:#3B344B }
```

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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