

# Converting Colors

Hex(34373B)

Have a look what the booklet for  
Hex(34373B) contains.

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# Color

**Hex(34373B)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 34373B                   |
| RGB         | 52, 55, 59               |
| RGB Percent | 20%, 22%, 23%            |
| CMY         | 0.7961, 0.7843, 0.7686   |
| CMYK        | 0.12, 0.07, 0.00, 0.77   |
| HSL         | 214°, 6%, 22%            |
| HSV         | 214°, 12%, 23%           |
| XYZ         | 3.5718, 3.7782, 4.6787   |
| YIQ         | 54.5590, -3.0720, 0.6080 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>Y</sub>B</b>               | 52, 54, 59                   |
| Decimal                             | 3422011                      |
| CIE Lab                             | 22.92, -0.30, -2.94          |
| CIE LCh                             | 23, 2.956, 264.156           |
| Yxy                                 | 3.7782, 0.2969,<br>0.3141    |
| Android<br>(android.graphics.Color) | 4281612091<br>(0xFF34373B)   |
| YUV                                 | 54.5590, 2.1894,<br>-2.2442  |
| Hunter-Lab                          | 19.4376, -1.2154,<br>-0.6649 |

# Details

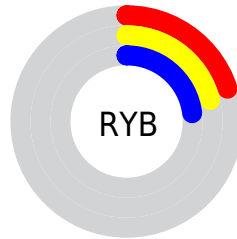
The Hex color **34373B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3B3834**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **62666A**, and **070B11** is the 20% darker color. If you saturate the color by 10%, you get **2E343B**, and if you desaturate by 10%, it is **3A3A3B**.

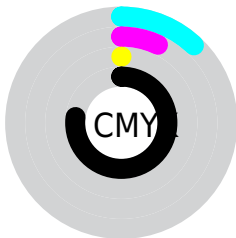
# Distribution



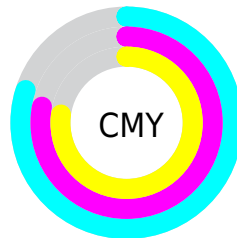
- Red (20%)
- Green (22%)
- Blue (23%)



- Red (20%)
- Yellow (21%)
- Blue (23%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (77%)



- Cyan (80%)
- Magenta (78%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34373B 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 34373B by changing the saturation by 10% instead.





34373B



34373B

FFFFFF



1F2225



62666A



070B11



7B7F83



000000



95999D



B0B3B8



CBCFD4



E7EBF0



34373B



34373B



2E343B



3A3A3B

■ 28303B

■ 403E3B

■ 222D3B

■ 46413B

■ 1C2A3B

■ 4C443B

■ 16263B

■ 51483B

■ 11233B

■ 574B3B

■ 0B1F3B

■ 5D4F3B

■ 051C3B

■ 63523B

■ 00193B

■ 69553B

# Harmonies

## Analogous

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



32383A



34373B



37363B

# Triad

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



34373B



3C3535



343834

# Complementary

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



34373B



3B3834

# 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.



373733



34373B



3B3633

# Square

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



34373B



3B3537



393632



323836

# Rectangle

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



34373B



38363A



393632



353833



# Sweetspot

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



34373B



494B4D



343B38



242526



A6A6A6



262626



# Same Dimension

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



34373B



42464D



34343B



1C1D1F



00285E



005FDE



# Inverse Universe

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



3B3437



4D4246



3B3B34



1F1C1D



5E0028

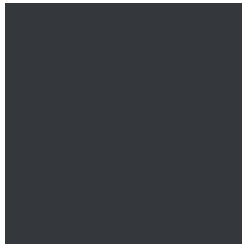


DE005F



# Previews

## White Background



This preview shows how the Hex color 34373B looks on a white background.

## Color Contrast Check

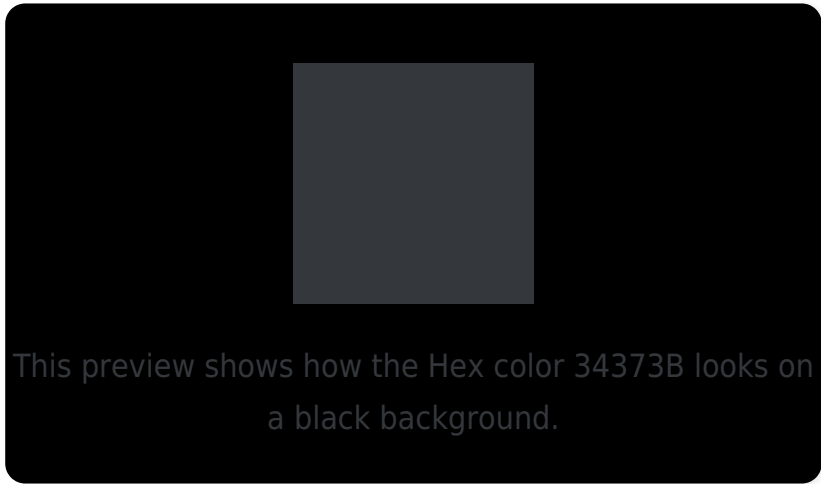
Large Text (above 18pt) WCAG AA ✓ Pass

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

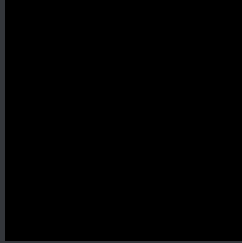
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

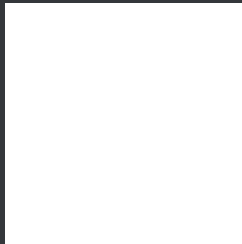
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34373B Background



This preview shows how black text looks on a background with the Hex color 34373B.

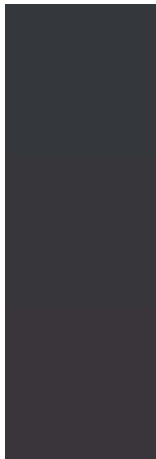


This preview shows how white text looks on a background with the Hex color 34373B.

# 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**  
34373B

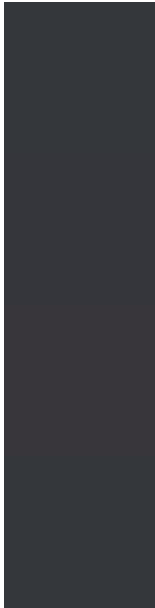
**Protanopia**  
36363B

**Deuteranopia**  
3A353B



**Tritanopia**  
34373B

# Trichromacy



**Original Color**

34373B

**Protanomaly**

35363B

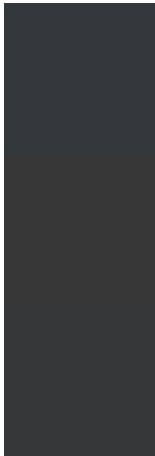
**Deuteranomaly**

38363B

**Tritanomaly**

34373B

# Monochromacy



**Original Color**

34373B

**Achromatopsia**

373737

**Achromatomaly**

363738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34373B 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 #34373B looks like.

```
.text, #text, p{  
    color:#34373B  
}
```

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 #34373B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34373B
}
```

## Border

The CSS property to change the border of an element to Hex 34373B is called "border". The border property can be set on classes, ids or directly on the HTML element.

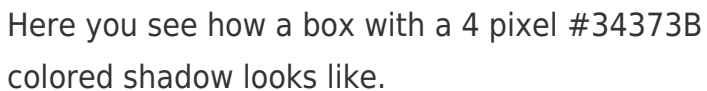
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34373B }
```

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

```
.border{ border-color:#34373B }
```

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



Here you see how a box with a 4 pixel #34373B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34373B; -webkit-box-shadow:4px 4px  
4px 4px #34373B; box-shadow:4px 4px 4px  
4px #34373B }
```

# Background

The CSS property to change the background color of an element to Hex 34373B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34373B }
```

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

```
.background{ background-color:#34373B }
```

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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