

# Converting Colors

Hex(35343E)

Have a look what the booklet for  
Hex(35343E) contains.

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# Color

**Hex(35343E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35343E
RGB	53, 52, 62
RGB Percent	21%, 20%, 24%
CMY	0.7922, 0.7961, 0.7569
CMYK	0.15, 0.16, 0.00, 0.76
HSL	246°, 9%, 22%
HSV	246°, 16%, 24%
XYZ	3.5657, 3.5607, 5.0568
YIQ	53.4390, -2.6140, 3.3220

# Conversions

## Conversions Part 2

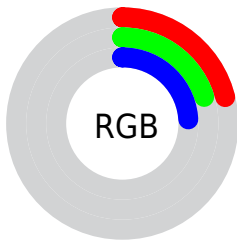
Format	Color
R <sub>Y</sub> B	53, 52, 62
Decimal	3486782
CIE Lab	22.16, 2.89, -6.09
CIE LCh	22, 6.742, 295.359
Yxy	3.5607, 0.2927, 0.2923
Android (android.graphics.Color)	4281676862 (0xFF35343E)
YUV	53.4390, 4.2206, -0.3850
Hunter-Lab	18.8697, 0.7080, -2.6799

# Details

The Hex color **35343E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3E34**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **64626D**, and **080614** is the 20% darker color. If you saturate the color by 10%, you get **2F2E3E**, and if you desaturate by 10%, it is **3B3A3E**.

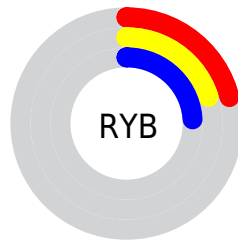
# Distribution



Red (21%)

Green (20%)

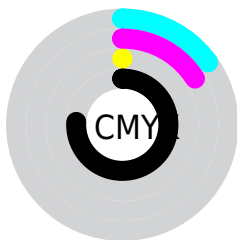
Blue (24%)



Red (21%)

Yellow (20%)

Blue (24%)

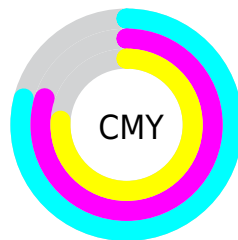


Cyan (15%)

Magenta (16%)

Yellow (0%)

Black (76%)



Cyan (79%)

Magenta (80%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35343E 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 35343E by changing the saturation by 10% instead.



■ 35343E

■ 35343E

FFFFFF

■ 201F28

■ 64626D

■ 080614

■ 7D7B87

■ 000000

■ 9695A1

■ B1B0BC

■ CDCBD8

■ E9E7F4

■ 35343E

■ 35343E

■ 2F2E3E

■ 3B3A3E

■ 2A283E

■ 40403E

■ 24213E

■ 46473E

■ 1F1B3E

■ 4B4D3E

■ 19153E

■ 51533E

■ 140F3E

■ 56593E

■ 0E093E

■ 5C5F3E

■ 08023E

■ 62663E

■ 06003E

■ 676C3E

# Harmonies

## Analogous

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



2F363F



35343E



3B323B

# Triad

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



35343E



3E332D



2A3834

# Complementary

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



35343E



3D3E34

# 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.



2F372F



35343E



3A342B

# Square

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



35343E



403231



34362C



283839

# Rectangle

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



35343E



3E3238



34362C



2B3832



# Sweetspot

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



35343E



4E4E52



343D3E



272629



A8A8A8



292929



# Same Dimension

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



35343E



444252



3A343E



1C1C1F



09005E



1600DE



# Inverse Universe

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



3E343D



524250



383E34



1F1C1E



5E0055

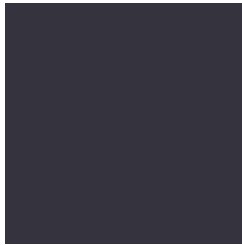


DE00C8



# Previews

## White Background



This preview shows how the Hex color 35343E looks on a white background.

## Color Contrast Check

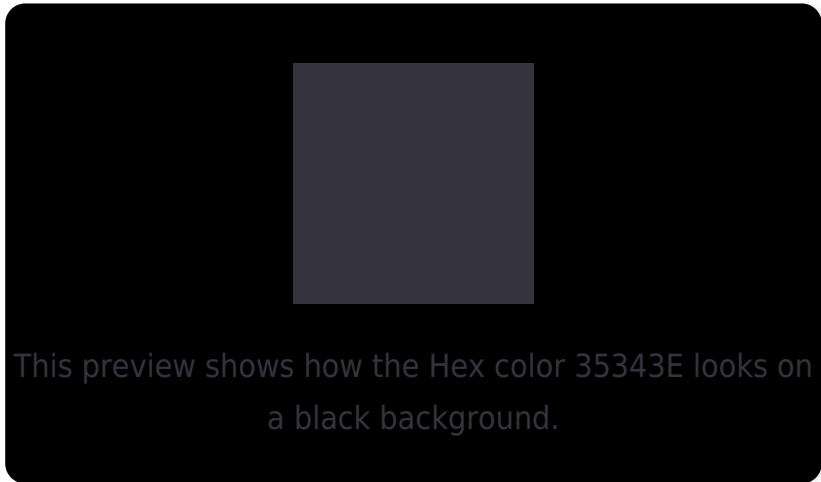
Large Text (above 18pt) WCAG AA ✓ Pass

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

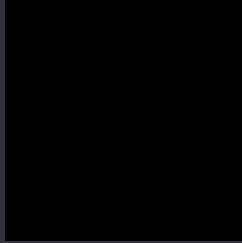
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35343E Background



This preview shows how black text looks on a background with the Hex color 35343E.

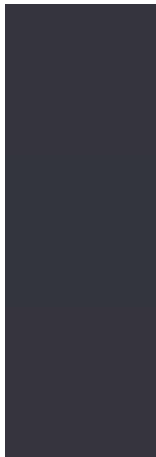


This preview shows how white text looks on a background with the Hex color 35343E.

# 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**  
35343E

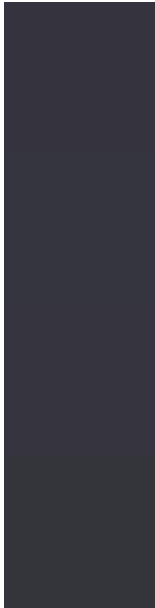
**Protanopia**  
33353E

**Deuteranopia**  
36343E



**Tritanopia**  
343539

# Trichromacy



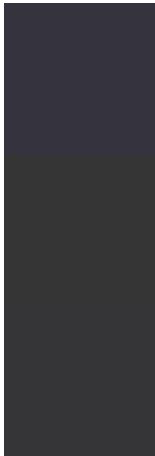
**Original Color**  
35343E

**Protanomaly**  
34353E

**Deuteranomaly**  
36343E

**Tritanomaly**  
34353B

# Monochromacy



**Original Color**  
35343E

**Achromatopsia**  
353535

**Achromatomaly**  
353538

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35343E 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 #35343E looks like.

```
.text, #text, p{  
    color:#35343E  
}
```

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 #35343E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35343E
}
```

## Border

The CSS property to change the border of an element to Hex 35343E is called "border". The border property can be set on classes, ids or directly on the HTML element.

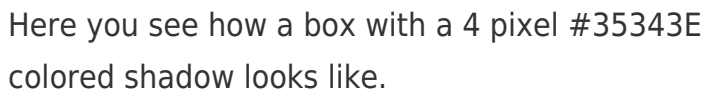
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35343E }
```

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

```
.border{ border-color:#35343E }
```

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



Here you see how a box with a 4 pixel #35343E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35343E; -webkit-box-shadow:4px 4px  
4px 4px #35343E; box-shadow:4px 4px 4px  
4px #35343E }
```

# Background

The CSS property to change the background color of an element to Hex 35343E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35343E }
```

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

```
.background{ background-color:#35343E }
```

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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