

# Converting Colors

Hex(3A3B41)

Have a look what the booklet for  
Hex(3A3B41) contains.

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# Color

**Hex(3A3B41)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A3B41
RGB	58, 59, 65
RGB Percent	23%, 23%, 25%
CMY	0.7725, 0.7686, 0.7451
CMYK	0.11, 0.09, 0.00, 0.75
HSL	231°, 6%, 24%
HSV	231°, 11%, 25%
XYZ	4.2630, 4.4091, 5.6274
YIQ	59.3850, -2.5220, 1.6540

# Conversions

## Conversions Part 2

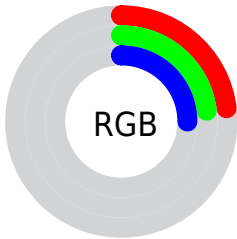
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 59, 65
Decimal	3816257
CIE Lab	24.98, 1.01, -3.84
CIE LCh	25, 3.973, 284.724
Yxy	4.4091, 0.2981, 0.3083
Android (android.graphics.Color)	4282006337 (0xFF3A3B41)
YUV	59.3850, 2.7682, -1.2146
Hunter-Lab	20.9979, -0.5071, -1.1910

# Details

The Hex color **3A3B41** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **41403A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **696A71**, and **0F1017** is the 20% darker color. If you saturate the color by 10%, you get **343541**, and if you desaturate by 10%, it is **414141**.

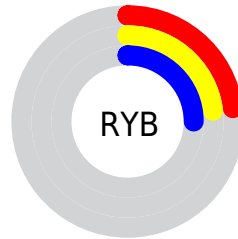
# Distribution



Red (23%)

Green (23%)

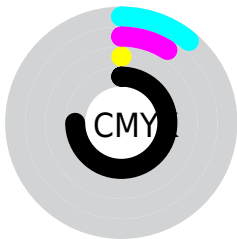
Blue (25%)



Red (23%)

Yellow (23%)

Blue (25%)

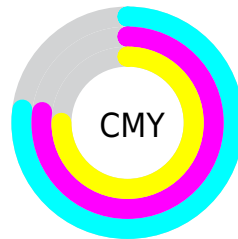


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (75%)



Cyan (77%)

Magenta (77%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A3B41 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 3A3B41 by changing the saturation by 10% instead.





3A3B41



3A3B41

FFFFFF



24252B



696A71



0F1017



82838A



000000



9C9DA4



B7B8C0



D3D4DB



EFF0F8



3A3B41



3A3B41



343541



414141

■ 2D3041

■ 474641

■ 272A41

■ 4E4C41

■ 202541

■ 545141

■ 1A1F41

■ 5A5741

■ 131A41

■ 615C41

■ 0D1441

■ 686241

■ 060E41

■ 6E6841

■ 000941

■ 756D41

# Harmonies

## Analogous

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



373C41



3A3B41



3E3A40

# Triad

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



3A3B41



413A37



363D3A

# Complementary

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



3A3B41



41403A

# 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.



393C37



3A3B41



3F3B36

# Square

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



3A3B41



42393A



3C3C35



343D3D

# Rectangle

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



3A3B41



403A3E



3C3C35



373D39



# Sweetspot

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



3A3B41



525254



3A4140



2A2A2B



ABABAB



2B2B2B



# Same Dimension

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



3A3B41



494B54



3C3A41



1E1E21



000E61



0020E0



# Inverse Universe

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



413A3B



54494B



3F413A



211E1E



61000E

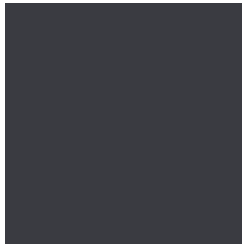


E00020



# Previews

## White Background



This preview shows how the Hex color 3A3B41 looks on a white background.

## Color Contrast Check

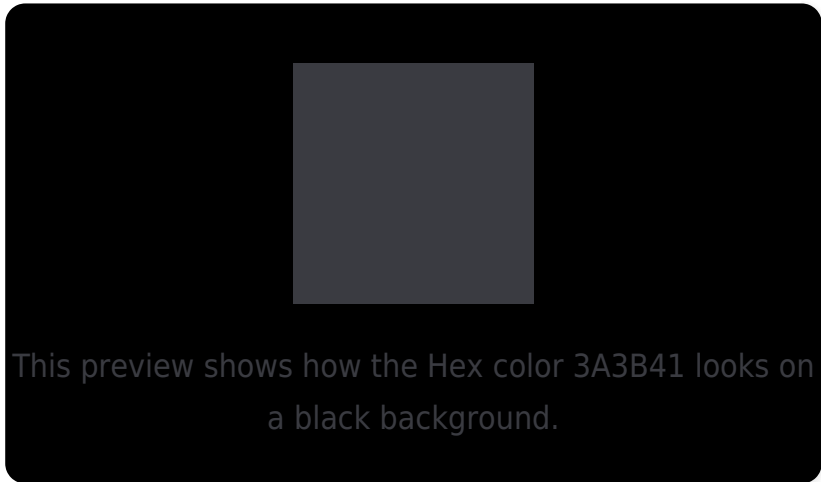
Large Text (above 18pt) WCAG AA ✓ Pass

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

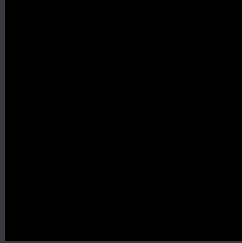
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

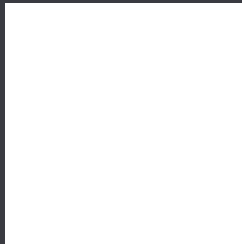
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3A3B41 Background



This preview shows how black text looks on a background with the Hex color 3A3B41.



This preview shows how white text looks on a background with the Hex color 3A3B41.

# 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](#).

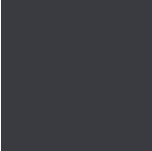
## Dichromacy



**Original Color**  
3A3B41

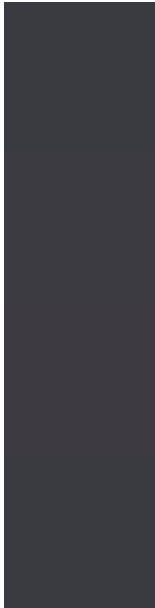
**Protanopia**  
3B3B41

**Deuteranopia**  
3E3A41



**Tritanopia**  
3A3B40

# Trichromacy



**Original Color**

3A3B41

**Protanomaly**

3B3B41

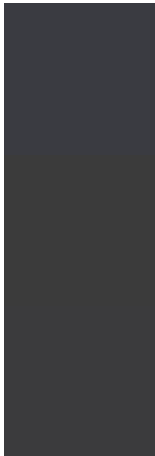
**Deuteranomaly**

3D3A41

**Tritanomaly**

3A3B40

# Monochromacy



**Original Color**

3A3B41

**Achromatopsia**

3B3B3B

**Achromatomaly**

3B3B3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A3B41 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 #3A3B41 looks like.

```
.text, #text, p{  
  color:#3A3B41  
}
```

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 #3A3B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A3B41
}
```

## Border

The CSS property to change the border of an element to Hex 3A3B41 is called "border". The border property can be set on classes, ids or directly on the HTML element.

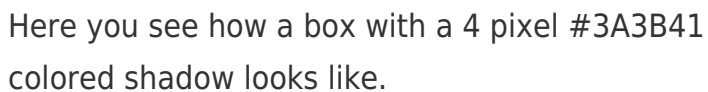
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A3B41 }
```

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

```
.border{ border-color:#3A3B41 }
```

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



Here you see how a box with a 4 pixel #3A3B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A3B41; -webkit-box-shadow:4px 4px  
4px 4px #3A3B41; box-shadow:4px 4px 4px  
4px #3A3B41 }
```

# Background

The CSS property to change the background color of an element to Hex 3A3B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A3B41 }
```

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

```
.background{ background-color:#3A3B41 }
```

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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