

# Converting Colors

Hex(34383A)

Have a look what the booklet for  
Hex(34383A) contains.

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# Color

**Hex(34383A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34383A
RGB	52, 56, 58
RGB Percent	20%, 22%, 23%
CMY	0.7961, 0.7804, 0.7725
CMYK	0.10, 0.03, 0.00, 0.77
HSL	200°, 5%, 22%
HSV	200°, 10%, 23%
XYZ	3.5941, 3.8639, 4.5594
YIQ	55.0320, -3.0260, -0.2260

# Conversions

## Conversions Part 2

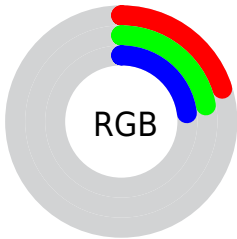
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 54, 58
Decimal	3422266
CIELab	23.22, -1.21, -1.84
CIELCh	23, 2.201, 236.572
Yxy	3.8639, 0.2991, 0.3215
Android (android.graphics.Color)	4281612346 (0xFF34383A)
YUV	55.0320, 1.4632, -2.6591
Hunter-Lab	19.6568, -1.7623, 0.0075

# Details

The Hex color **34383A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3634**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **626769**, and **060D0F** is the 20% darker color. If you saturate the color by 10%, you get **2E363A**, and if you desaturate by 10%, it is **3A3A3A**.

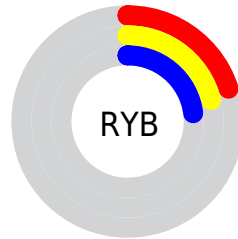
# Distribution



Red (20%)

Green (22%)

Blue (23%)



Red (20%)

Yellow (21%)

Blue (23%)

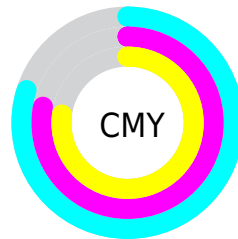


Cyan (10%)

Magenta (3%)

Yellow (0%)

Black (77%)



Cyan (80%)

Magenta (78%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34383A 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 34383A by changing the saturation by 10% instead.





34383A



34383A

FFFFFF



1F2324



626769



060D0F



7B8082



000000



959A9C



B0B5B7



CBD0D3



E7ECEF



34383A



34383A



2E363A



3A3A3A

■ 28343A

■ 403C3A

■ 23323A

■ 453E3A

■ 1D303A

■ 4B403A

■ 172E3A

■ 51423A

■ 112C3A

■ 57443A

■ 0B2A3A

■ 5D463A

■ 06293A

■ 62473A

■ 00273A

■ 68493A

# Harmonies

## Analogous

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



333839



34383A



36383B

# Triad

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



34383A



3B3638



373834

# Complementary

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



34383A



3A3634

# 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.



393734



34383A



3B3636

# Square

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



34383A



393739



3A3735



353835

# Rectangle

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



34383A



37373A



3A3735



383834



# Sweetspot

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



34383A



4A4C4D



343A36



252626



A6A6A6



262626



# Same Dimension

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



34383A



43494D



34353A



191B1C



003D5C



0092DB



# Inverse Universe

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



3A3438



4D4349



3A3934



1C191B



5C003D

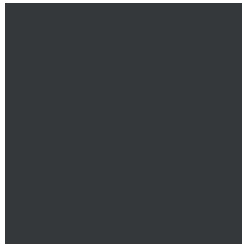


DB0092



# Previews

## White Background



This preview shows how the Hex color 34383A looks on a white background.

## Color Contrast Check

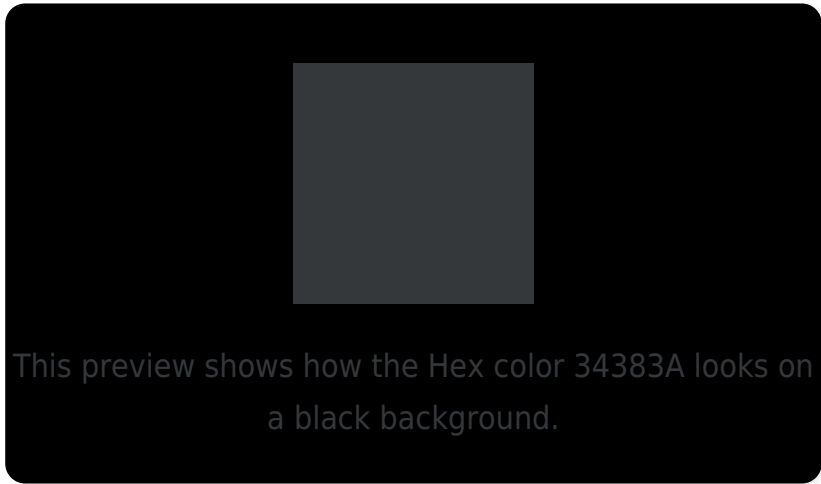
Large Text (above 18pt) WCAG AA ✓ Pass

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

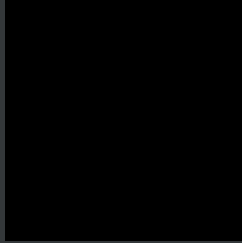
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

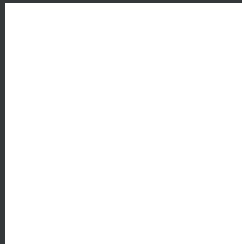
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34383A Background



This preview shows how black text looks on a background with the Hex color 34383A.

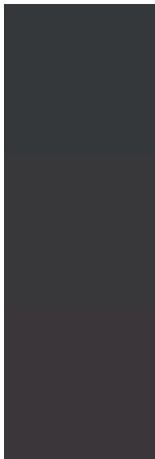


This preview shows how white text looks on a background with the Hex color 34383A.

# 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](#).

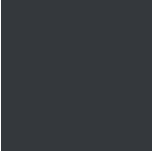
## Dichromacy



**Original Color**  
34383A

**Protanopia**  
383739

**Deuteranopia**  
3B363A



**Tritanopia**  
34383C

# Trichromacy



**Original Color**

34383A

**Protanomaly**

373739

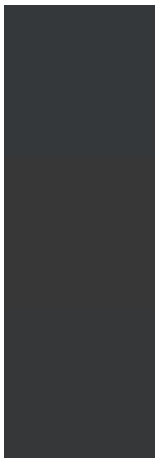
**Deuteranomaly**

38373A

**Tritanomaly**

34383B

# Monochromacy



**Original Color**

34383A

**Achromatopsia**

373737

**Achromatomaly**

363738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34383A 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 #34383A looks like.

```
.text, #text, p{  
    color:#34383A  
}
```

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 #34383A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34383A
}
```

## Border

The CSS property to change the border of an element to Hex 34383A is called "border". The border property can be set on classes, ids or directly on the HTML element.

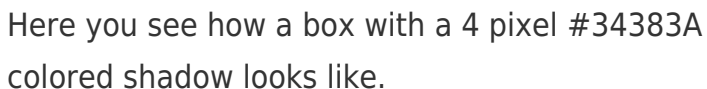
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#34383A }
```

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

```
.border{ border-color:#34383A }
```

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



Here you see how a box with a 4 pixel #34383A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34383A; -webkit-box-shadow:4px 4px  
4px 4px #34383A; box-shadow:4px 4px 4px  
4px #34383A }
```

# Background

The CSS property to change the background color of an element to Hex 34383A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34383A }
```

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

```
.background{ background-color:#34383A }
```

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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