

# Converting Colors

Hex(343238)

Have a look what the booklet for  
Hex(343238) contains.

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# Color

Hex(343238)

# Conversions

## Conversions Part 1

Format	Color
Hex	343238
RGB	52, 50, 56
RGB Percent	20%, 20%, 22%
CMY	0.7961, 0.8039, 0.7804
CMYK	0.07, 0.11, 0.00, 0.78
HSL	260°, 6%, 21%
HSV	260°, 11%, 22%
XYZ	3.2706, 3.2968, 4.2053
YIQ	51.2820, -0.7340, 2.2900

# Conversions

## Conversions Part 2

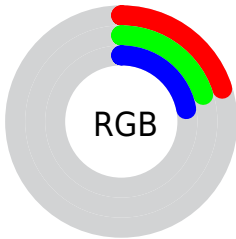
Format	Color
<b>R<sub>YB</sub></b>	52, 50, 56
Decimal	3420728
CIE Lab	21.20, 2.30, -3.47
CIE LCh	21, 4.170, 303.554
Yxy	3.2968, 0.3036, 0.3060
Android (android.graphics.Color)	4281610808 (0xFF343238)
YUV	51.2820, 2.3260, 0.6297
Hunter-Lab	18.1571, 0.3779, -1.0222

# Details

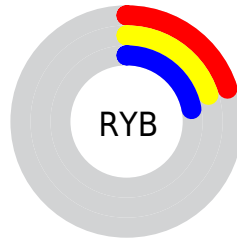
The Hex color **343238** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **363832**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **626067**, and **06030D** is the 20% darker color. If you saturate the color by 10%, you get **302C38**, and if you desaturate by 10%, it is **383838**.

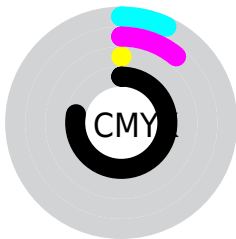
# Distribution



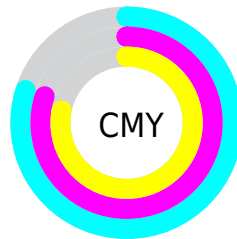
- Red (20%)
- Green (20%)
- Blue (22%)



- Red (20%)
- Yellow (20%)
- Blue (22%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (78%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 343238 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 343238 by changing the saturation by 10% instead.



■ 343238

■ 343238

FFFFFF

■ 1F1D23

■ 626067

■ 06030D

■ 7B7980

■ 000000

■ 95939A

■ B0ADB5

■ CBC9D0

■ E7E5EC

■ 343238

■ 343238

■ 302C38

■ 383838

■ 2D2738

■ 3B3D38

■ 292138

■ 3F4338

■ 251C38

■ 434838

■ 211638

■ 474E38

■ 1E1038

■ 4A5438

■ 1A0B38

■ 4E5938

■ 160538

■ 525F38

■ 130038

■ 566438

# Harmonies

## Analogous

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



303339



343238



373136

# Triad

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



343238



38322D



2C3533

# Complementary

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



343238



363832

# 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.



2E3430



343238



35332D

# Square

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



343238



393130



32342E



2B3536

# Rectangle

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



343238



393134



32342E



2C3532



# Sweetspot

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



343238



48484A



323638



252526



A6A6A6



262626



# Same Dimension

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



343238



44404A



373238



1A191C



1F005C



4900DB



# Inverse Universe

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



383236



4A4047



333832



1C191B



5C003D



DB0092



# Previews

## White Background



This preview shows how the Hex color 343238 looks on a white background.

## Color Contrast Check

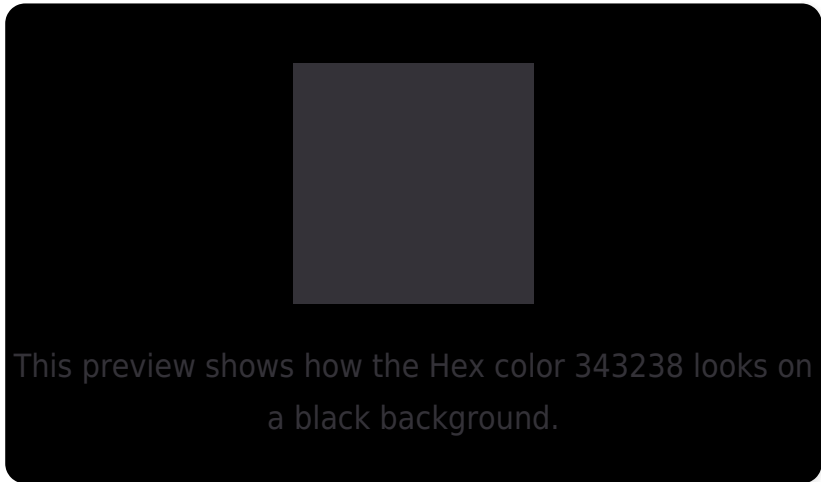
Large Text (above 18pt) WCAG AA ✓ Pass

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

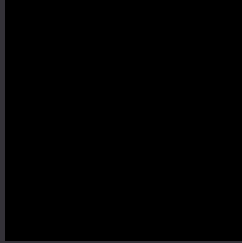
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

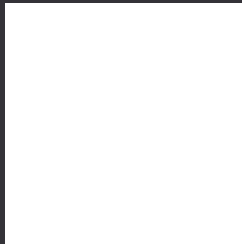
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 343238 Background



This preview shows how black text looks on a background with the Hex color 343238.

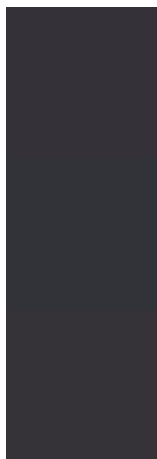


This preview shows how white text looks on a background with the Hex color 343238.

# 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**  
343238

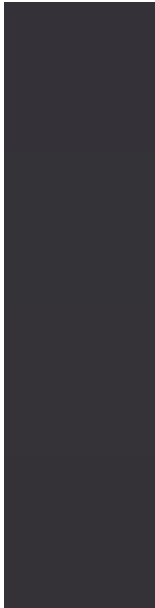
**Protanopia**  
323338

**Deuteranopia**  
353238



**Tritanopia**  
343236

# Trichromacy



**Original Color**

343238

**Protanomaly**

333338

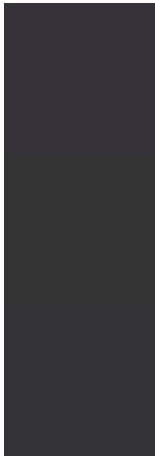
**Deuteranomaly**

353238

**Tritanomaly**

343237

# Monochromacy



**Original Color**

343238

**Achromatopsia**

333333

**Achromatomaly**

333335

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 343238 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 #343238 looks like.

```
.text, #text, p{  
    color:#343238  
}
```

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 #343238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #343238
}
```

## Border

The CSS property to change the border of an element to Hex 343238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

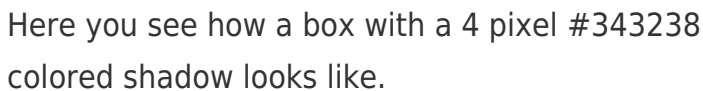
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#343238 }
```

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

```
.border{ border-color:#343238 }
```

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



Here you see how a box with a 4 pixel #343238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #343238; -webkit-box-shadow:4px 4px  
4px 4px #343238; box-shadow:4px 4px 4px  
4px #343238 }
```

# Background

The CSS property to change the background color of an element to Hex 343238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#343238 }
```

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

```
.background{ background-color:#343238 }
```

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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