

Converting Colors

Hex(333735)

Have a look what the booklet for
Hex(333735) contains.

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Color

Hex(333735)

Conversions

Conversions Part 1

Format	Color
Hex	333735
RGB	51, 55, 53
RGB Percent	20%, 22%, 21%
CMY	0.8000, 0.7843, 0.7922
CMYK	0.07, 0.00, 0.04, 0.78
HSL	150°, 4%, 21%
HSV	150°, 7%, 22%
XYZ	3.3740, 3.6932, 3.9032
YIQ	53.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

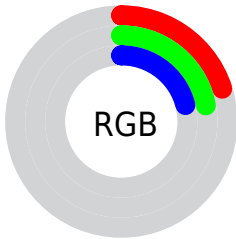
Format	Color
R_{YB}	51, 54, 55
Decimal	3356469
CIE Lab	22.63, -2.18, 0.66
CIE LCh	23, 2.280, 163.214
Yxy	3.6932, 0.3076, 0.3367
Android (android.graphics.Color)	4281546549 (0xFF333735)
YUV	53.5760, -0.2840, -2.2592
Hunter-Lab	19.2178, -2.2921, 1.4104

Details

The Hex color **333735** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373335**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **616663**, and **050B08** is the 20% darker color. If you saturate the color by 10%, you get **2E3732**, and if you desaturate by 10%, it is **393738**.

Distribution



Red (20%)

Green (22%)

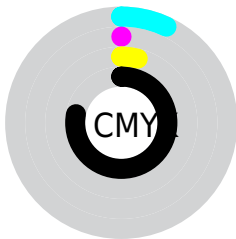
Blue (21%)



Red (20%)

Yellow (21%)

Blue (22%)

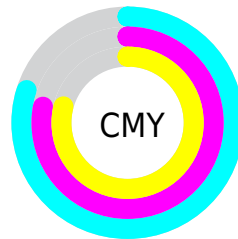


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (78%)



Cyan (80%)

Magenta (78%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333735 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 333735 by changing the saturation by 10% instead.

■ 333735

■ 333735

FFFFFF

■ 1E2220

■ 616663

■ 050B08

■ 7A7F7C

■ 000000

■ 949996

■ AEB3B1

■ CACFCC

■ E6EBE8

■ 333735

■ 333735

■ 2E3732

■ 393738

■ 283730

■ 3E373B

■ 23372D

■ 44373D

■ 1D372A

■ 493740

■ 183727

■ 4F3743

■ 123725

■ 543746

■ 0D3722

■ 5A3748

■ 07371F

■ 5F374B

■ 02371C

■ 65374E

Harmonies

Analogous

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



353734



333735



323737

Triad

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



333735



353639



3A3534

Complementary

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



333735



373335

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.



3A3535



333735



373539

Square

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



333735



333639



393537



383633

Rectangle

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



333735



323738



393537



3A3534

Sweetspot

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



333735



464747



353733



232423



A3A3A3



242424

Same Dimension

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



333735



414744



333737



191C1B



005C2E



00DB6E

Inverse Universe

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



373335



474144



373333



1C191B



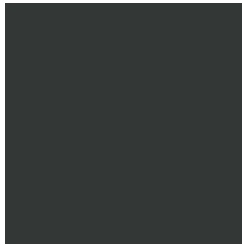
5C002E



DB006E

Previews

White Background



This preview shows how the Hex color 333735 looks on a white background.

Color Contrast Check

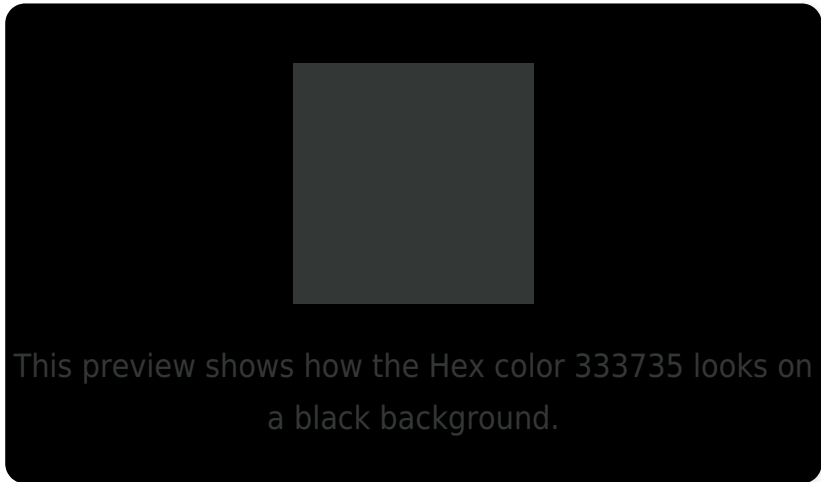
Large Text (above 18pt) WCAG AA ✓ Pass

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

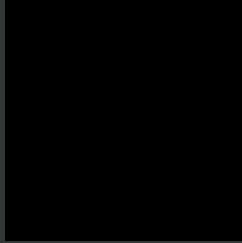
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

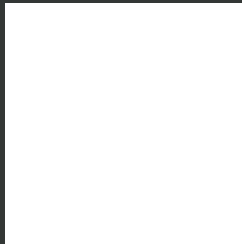
Any Text WCAG AAA × Fail

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

Hex 333735 Background



This preview shows how black text looks on a background with the Hex color 333735.

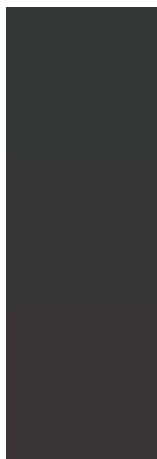


This preview shows how white text looks on a background with the Hex color 333735.

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](#).

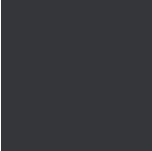
Dichromacy



Original Color
333735

Protanopia
373634

Deuteranopia
3B3436



Tritanopia
34363A

Trichromacy



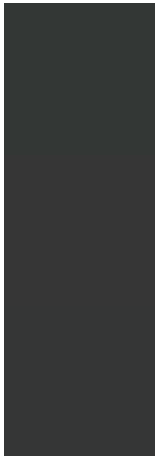
Original Color
333735

Protanomaly
363634

Deuteranomaly
383536

Tritanomaly
343638

Monochromacy



Original Color
333735

Achromatopsia
363636

Achromatomaly
353636

CSS Examples

Text

The CSS property to change the color of the text to Hex 333735 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 #333735 looks like.

```
.text, #text, p{  
    color:#333735  
}
```

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 #333735 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333735
}
```

Border

The CSS property to change the border of an element to Hex 333735 is called "border". The border property can be set on classes, ids or directly on the HTML element.

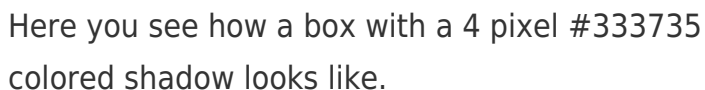
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333735 }
```

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

```
.border{ border-color:#333735 }
```

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



Here you see how a box with a 4 pixel #333735 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333735; -webkit-box-shadow:4px 4px  
4px 4px #333735; box-shadow:4px 4px 4px  
4px #333735 }
```

Background

The CSS property to change the background color of an element to Hex 333735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333735 }
```

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

```
.background{ background-color:#333735 }
```

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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