

Converting Colors

Hex(333334)

Have a look what the booklet for
Hex(333334) contains.

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Color

Hex(333334)

Conversions

Conversions Part 1

Format	Color
Hex	333334
RGB	51, 51, 52
RGB Percent	20%, 20%, 20%
CMY	0.8000, 0.8000, 0.7961
CMYK	0.02, 0.02, 0.00, 0.80
HSL	240°, 1%, 20%
HSV	240°, 2%, 20%
XYZ	3.1689, 3.3194, 3.7225
YIQ	51.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
RYB	51, 51, 52
Decimal	3355444
CIELab	21.28, 0.24, -0.64
CIELCh	21, 0.678, 290.370
Yxy	3.3194, 0.3103, 0.3251
Android (android.graphics.Color)	4281545524 (0xFF333334)
YUV	51.1140, 0.4368, -0.1000
Hunter-Lab	18.2192, -0.8368, 0.6395

Details

The Hex color **333334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343433**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **616162**, and **050506** is the 20% darker color. If you saturate the color by 10%, you get **2E2E34**, and if you desaturate by 10%, it is **383834**.

Distribution



Red (20%)

Green (20%)

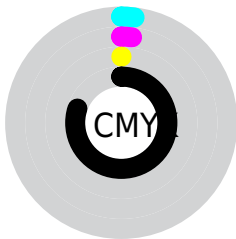
Blue (20%)



Red (20%)

Yellow (20%)

Blue (20%)



Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333334 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 333334 by changing the saturation by 10% instead.

■ 333334

■ 333334

FFFFFF

■ 1E1E1F

■ 616162

■ 050506

■ 7A7A7B

■ 000000

■ 949495

■ AEAEB0

■ CACACB

■ E6E6E7

■ 333334

■ 333334

■ 2E2E34

■ 383834

■ 292934

■ 3D3D34

■ 232334

■ 434334

■ 1E1E34

■ 484834

■ 191934

■ 4D4D34

■ 141434

■ 525234

■ 0F0F34

■ 575734

■ 090934

■ 5D5D34

■ 040434

■ 626234

Harmonies

Analogous

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



323334



333334



343334

Triad

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



333334



343332



323333

Complementary

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



333334



343433

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.



333332



333334



343332

Square

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



333334



343333



333332



323333

Rectangle

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



333334



343333



333332



323333

Sweetspot

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



333334



444445



333434



232324



A3A3A3



242424

Same Dimension

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



333334



434345



343334



19191A



000059



0000D9

Inverse Universe

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



343334



454345



343433



1A191A



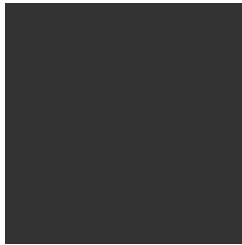
590059



D900D9

Previews

White Background



This preview shows how the Hex color 333334 looks on a white background.

Color Contrast Check

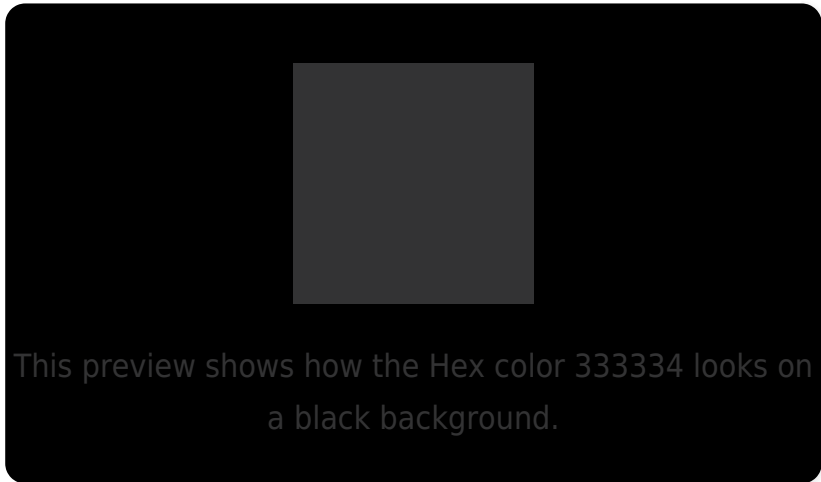
Large Text (above 18pt) WCAG AA ✓ Pass

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

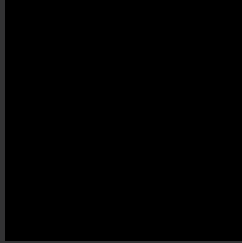
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

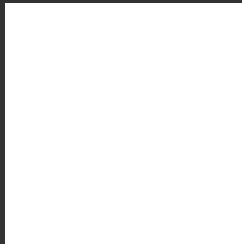
Any Text WCAG AAA × Fail

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

Hex 333334 Background



This preview shows how black text looks on a background with the Hex color 333334.



This preview shows how white text looks on a background with the Hex color 333334.

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
333334

Protanopia
343334

Deuteranopia
373134



Tritanopia
333337

Trichromacy



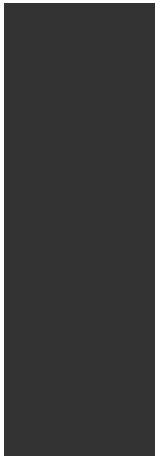
Original Color
333334

Protanomaly
343334

Deuteranomaly
363234

Tritanomaly
333336

Monochromacy



Original Color
333334

Achromatopsia
333333

Achromatomaly
333333

CSS Examples

Text

The CSS property to change the color of the text to Hex 333334 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 #333334 looks like.

```
.text, #text, p{  
    color:#333334  
}
```

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 #333334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333334  
}
```

Border

The CSS property to change the border of an element to Hex 333334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

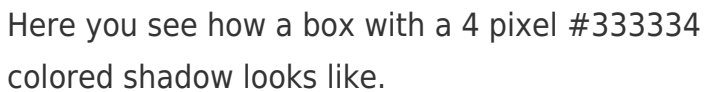
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#333334 }
```

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

```
.border{ border-color:#333334 }
```

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



Here you see how a box with a 4 pixel #333334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333334; -webkit-box-shadow:4px 4px  
4px 4px #333334; box-shadow:4px 4px 4px  
4px #333334 }
```

Background

The CSS property to change the background color of an element to Hex 333334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333334 }
```

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

```
.background{ background-color:#333334 }
```

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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