

Converting Colors

Hex(333535)

Have a look what the booklet for
Hex(333535) contains.

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Color

Hex(333535)

Conversions

Conversions Part 1

Format	Color
Hex	333535
RGB	51, 53, 53
RGB Percent	20%, 21%, 21%
CMY	0.8000, 0.7922, 0.7922
CMYK	0.04, 0.00, 0.00, 0.79
HSL	180°, 2%, 20%
HSV	180°, 4%, 21%
XYZ	3.2809, 3.5071, 3.8722
YIQ	52.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

Format	Color
RYB	51, 52, 53
Decimal	3355957
CIELab	21.97, -0.86, -0.30
CIELCh	22, 0.914, 199.467
Yxy	3.5071, 0.3078, 0.3290
Android (android.graphics.Color)	4281546037 (0xFF333535)
YUV	52.4020, 0.2948, -1.2296
Hunter-Lab	18.7271, -1.4997, 0.8497

Details

The Hex color **333535** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **353333**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **616363**, and **050808** is the 20% darker color. If you saturate the color by 10%, you get **2E3535**, and if you desaturate by 10%, it is **383535**.

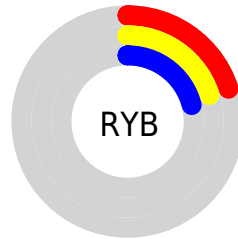
Distribution



Red (20%)

Green (21%)

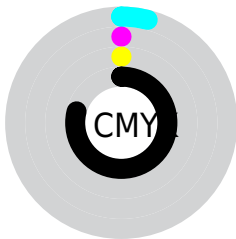
Blue (21%)



Red (20%)

Yellow (20%)

Blue (21%)

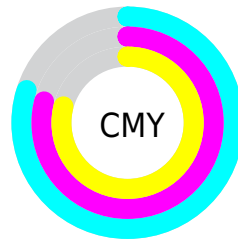


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (79%)



Cyan (80%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333535 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 333535 by changing the saturation by 10% instead.



333535



333535

FFFFFF



1E2020



616363



050808



7A7C7C



000000



949696



AEB1B1



CACCCC



E6E8E8



333535



333535



2E3535



383535

■ 283535

■ 3E3535

■ 233535

■ 433535

■ 1E3535

■ 483535

■ 193535

■ 4E3535

■ 133535

■ 533535

■ 0E3535

■ 583535

■ 093535

■ 5D3535

■ 033535

■ 633535

Harmonies

Analogous

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



333534



333535



333536

Triad

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



333535



353435



353433

Complementary

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



333535



353333

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.



363434



333535



363435

Square

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



333535



343436



363434



353533

Rectangle

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



333535



333536



363434



363433

Sweetspot

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



333535



444545



333533



232424



A3A3A3



242424

Same Dimension

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



333535



414545



333435



181A1A



005959



00D9D9

Inverse Universe

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



353335



454145



353433



1A181A



590059



D900D9

Previews

White Background



This preview shows how the Hex color 333535 looks on a white background.

Color Contrast Check

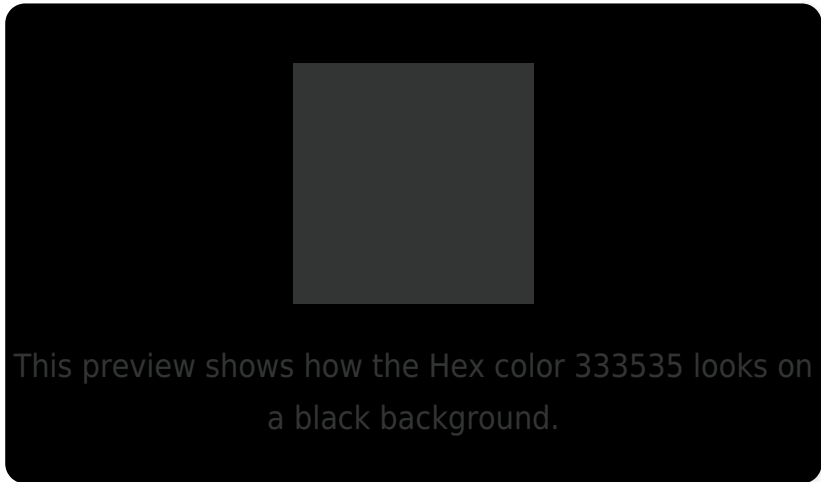
Large Text (above 18pt) WCAG AA ✓ Pass

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

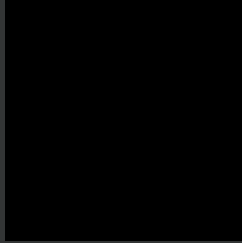
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

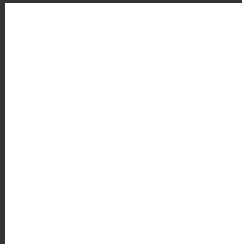
Any Text WCAG AAA × Fail

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

Hex 333535 Background



This preview shows how black text looks on a background with the Hex color 333535.

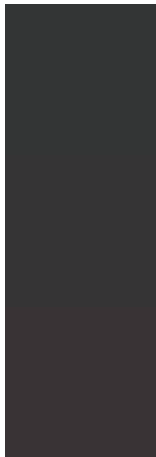


This preview shows how white text looks on a background with the Hex color 333535.

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](#).

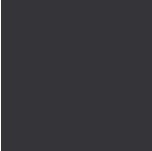
Dichromacy



Original Color
333535

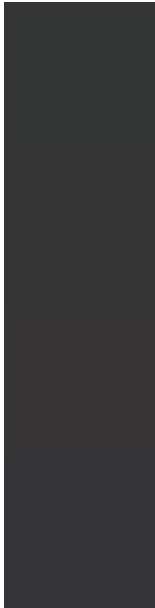
Protanopia
353435

Deuteranopia
393335



Tritanopia
343439

Trichromacy



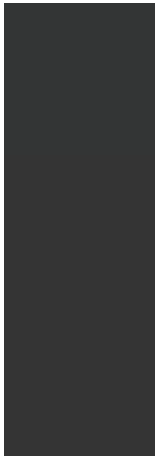
Original Color
333535

Protanomaly
343435

Deuteranomaly
373435

Tritanomaly
343438

Monochromacy



Original Color
333535

Achromatopsia
343434

Achromatomaly
343434

CSS Examples

Text

The CSS property to change the color of the text to Hex 333535 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 #333535 looks like.

```
.text, #text, p{  
    color:#333535  
}
```

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 #333535 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333535
}
```

Border

The CSS property to change the border of an element to Hex 333535 is called "border". The border property can be set on classes, ids or directly on the HTML element.

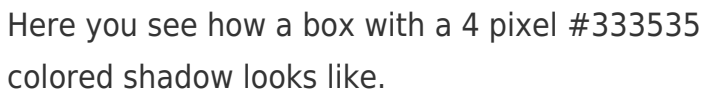
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333535 }
```

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

```
.border{ border-color:#333535 }
```

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



Here you see how a box with a 4 pixel #333535 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333535; -webkit-box-shadow:4px 4px  
4px 4px #333535; box-shadow:4px 4px 4px  
4px #333535 }
```

Background

The CSS property to change the background color of an element to Hex 333535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333535 }
```

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

```
.background{ background-color:#333535 }
```

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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