

Converting Colors

Hex(333A35)

Have a look what the booklet for
Hex(333A35) contains.

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Color

Hex(333A35)

Conversions

Conversions Part 1

Format	Color
Hex	333A35
RGB	51, 58, 53
RGB Percent	20%, 23%, 21%
CMY	0.8000, 0.7725, 0.7922
CMYK	0.12, 0.00, 0.09, 0.77
HSL	137°, 6%, 21%
HSV	137°, 12%, 23%
XYZ	3.5209, 3.9870, 3.9521
YIQ	55.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

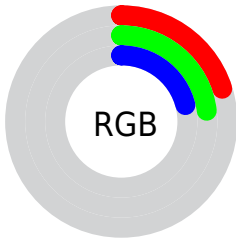
Format	Color
RYB	51, 56, 58
Decimal	3357237
CIELab	23.63, -4.13, 2.10
CIELCh	24, 4.640, 153.021
Yxy	3.9870, 0.3072, 0.3479
Android (android.graphics.Color)	4281547317 (0xFF333A35)
YUV	55.3370, -1.1521, -3.8035
Hunter-Lab	19.9674, -3.4675, 2.2419

Details

The Hex color **333A35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3338**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **616963**, and **050F08** is the 20% darker color. If you saturate the color by 10%, you get **2D3A31**, and if you desaturate by 10%, it is **393A39**.

Distribution



Red (20%)

Green (23%)

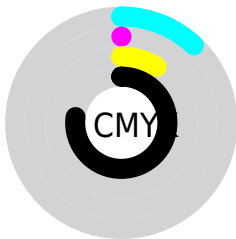
Blue (21%)



Red (20%)

Yellow (22%)

Blue (23%)

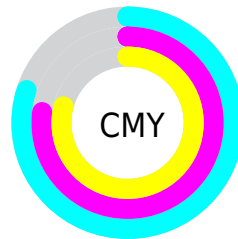


Cyan (12%)

Magenta (0%)

Yellow (9%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333A35 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 333A35 by changing the saturation by 10% instead.



333A35



333A35

FFFFFF



1E2420



616963



050F08



7A827C



000000



949C96



AFB7B1



CAD3CC



E6EFE8



333A35



333A35



2D3A31



393A39

■ 273A2D

■ 3F3A3D

■ 223A29

■ 443A41

■ 1C3A24

■ 4A3A46

■ 163A20

■ 503A4A

■ 103A1C

■ 563A4E

■ 0A3A18

■ 5C3A52

■ 053A14

■ 613A56

■ 003A11

■ 673A5A

Harmonies

Analogous

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



373932



333A35



303A38

Triad

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



333A35



35383F



403635

Complementary

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



333A35



3A3338

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.



3F3638



333A35



39373E

Square

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



333A35



31393E



3D363B



3E3732

Rectangle

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



333A35



303A3B



3D363B



403636

Sweetspot

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



333A35



494D4A



383A33



242625



A6A6A6



262626

Same Dimension

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



333A35



424D45



333A38



191C1A



005C1A



00DB3F

Inverse Universe

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



3A3338



4D4249



3A3335



1C191B



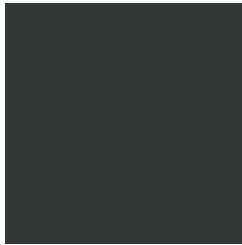
5C0042



DB009D

Previews

White Background



This preview shows how the Hex color 333A35 looks on a white background.

Color Contrast Check

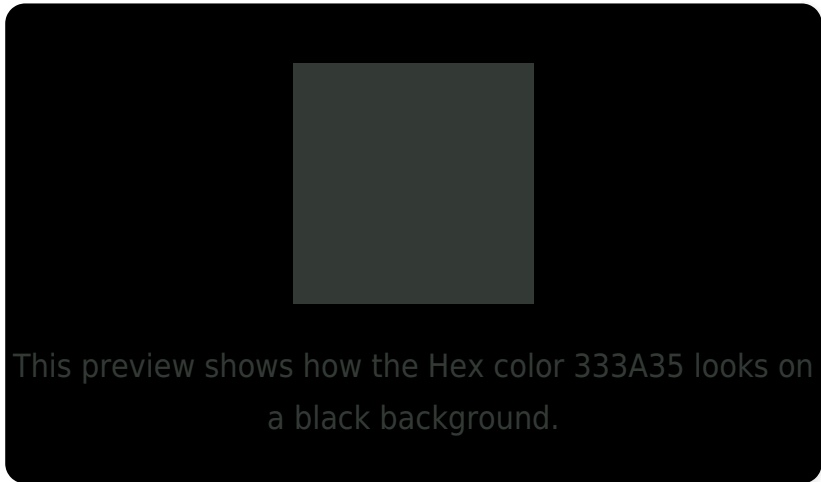
Large Text (above 18pt) WCAG AA ✓ Pass

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

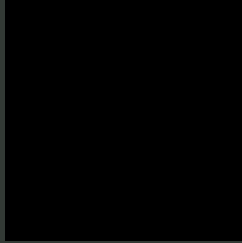
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

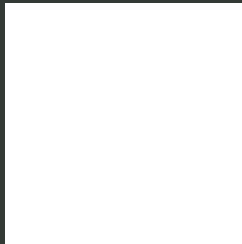
Any Text WCAG AAA × Fail

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

Hex 333A35 Background



This preview shows how black text looks on a background with the Hex color 333A35.



This preview shows how white text looks on a background with the Hex color 333A35.

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](#).

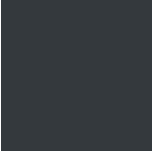
Dichromacy



Original Color
333A35

Protanopia
3A3834

Deuteranopia
3E3636



Tritanopia
34393D

Trichromacy



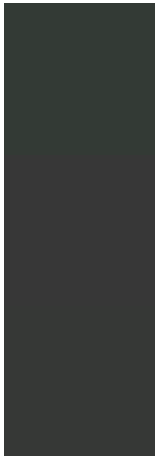
Original Color
333A35

Protanomaly
373934

Deuteranomaly
3A3736

Tritanomaly
34393A

Monochromacy



Original Color
333A35

Achromatopsia
373737

Achromatomaly
363836

CSS Examples

Text

The CSS property to change the color of the text to Hex 333A35 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 #333A35 looks like.

```
.text, #text, p{  
    color:#333A35  
}
```

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 #333A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333A35
}
```

Border

The CSS property to change the border of an element to Hex 333A35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

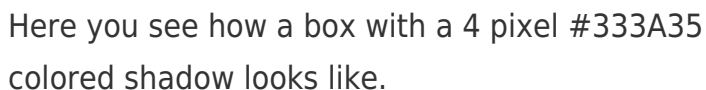
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333A35 }
```

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

```
.border{ border-color:#333A35 }
```

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



Here you see how a box with a 4 pixel #333A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333A35; -webkit-box-shadow:4px 4px  
4px 4px #333A35; box-shadow:4px 4px 4px  
4px #333A35 }
```

Background

The CSS property to change the background color of an element to Hex 333A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333A35 }
```

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

```
.background{ background-color:#333A35 }
```

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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