

Converting Colors

Hex(333441)

Have a look what the booklet for
Hex(333441) contains.

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Color

Hex(333441)

Conversions

Conversions Part 1

Format	Color
Hex	333441
RGB	51, 52, 65
RGB Percent	20%, 20%, 25%
CMY	0.8000, 0.7961, 0.7451
CMYK	0.22, 0.20, 0.00, 0.75
HSL	236°, 12%, 23%
HSV	236°, 22%, 25%
XYZ	3.5474, 3.5414, 5.4976
YIQ	53.1830, -4.7690, 3.8310

Conversions

Conversions Part 2

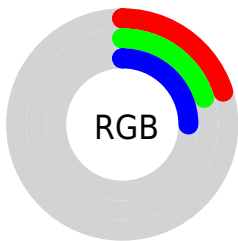
Format	Color
R _Y B	51, 52, 65
Decimal	3355713
CIE Lab	22.09, 2.90, -8.24
CIE LCh	22, 8.737, 289.365
Yxy	3.5414, 0.2818, 0.2814
Android (android.graphics.Color)	4281545793 (0xFF333441)
YUV	53.1830, 5.8258, -1.9145
Hunter-Lab	18.8187, 0.7148, -4.1476

Details

The Hex color **333441** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **414033**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **626271**, and **060617** is the 20% darker color. If you saturate the color by 10%, you get **2D2E41**, and if you desaturate by 10%, it is **3A3A41**.

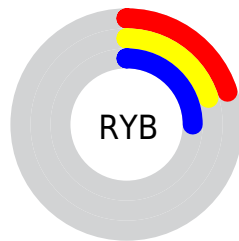
Distribution



Red (20%)

Green (20%)

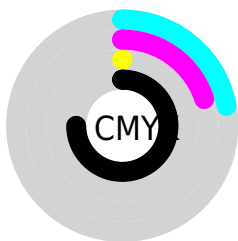
Blue (25%)



Red (20%)

Yellow (20%)

Blue (25%)

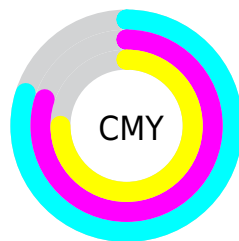


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (75%)



Cyan (80%)

Magenta (80%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 333441 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 333441 by changing the saturation by 10% instead.

■ 333441

■ 333441

FFFFFF

■ 1E1F2B

■ 626271

■ 060617

■ 7A7B8A

■ 000000

■ 9495A5

■ AFB0C0

■ CACBDC

■ E6E7F8

■ 333441

■ 333441

■ 2D2E41

■ 3A3A41

■ 262841

■ 404041

■ 202241

■ 474641

■ 191C41

■ 4D4C41

■ 131641

■ 545241

■ 0C1041

■ 5A5841

■ 060A41

■ 615E41

■ 000541

■ 676441

■ 6E6A41

Harmonies

Analogous

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



2B3641



333441



3B323D

Triad

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



333441



41322B



273832

Complementary

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



333441



414033

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.



2E372C



333441



3C3428

Square

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



333441



423031



353629



233939

Rectangle

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



333441



3F313A



353629



293830

Sweetspot

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



333441



4F4F54



334140



28292B



ABABAB



2B2B2B

Same Dimension

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



333441



3E4054



393341



1E1E21



000761



0010E0

Inverse Universe

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



413334



543E40



3B4133



211E1E



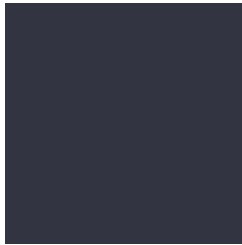
610007



E00010

Previews

White Background



This preview shows how the Hex color 333441 looks on a white background.

Color Contrast Check

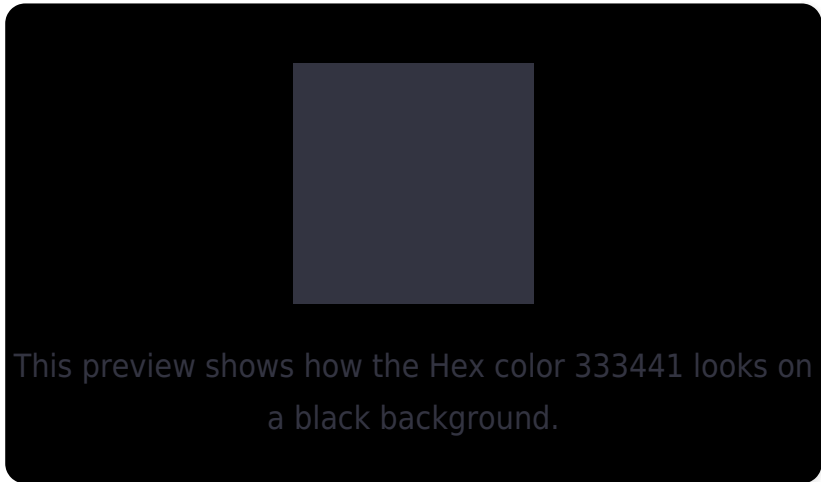
Large Text (above 18pt) WCAG AA ✓ Pass

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

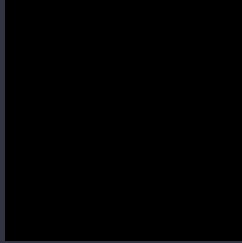
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

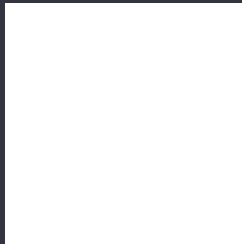
Any Text WCAG AAA × Fail

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

Hex 333441 Background



This preview shows how black text looks on a background with the Hex color 333441.



This preview shows how white text looks on a background with the Hex color 333441.

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](#).

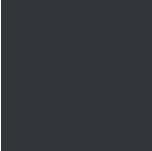
Dichromacy



Original Color
333441

Protanopia
323441

Deuteranopia
343441



Tritanopia
32353A

Trichromacy



Original Color
333441

Protanomaly
323441

Deuteranomaly
343441

Tritanomaly
32353D

Monochromacy



Original Color
333441

Achromatopsia
353535

Achromatomaly
343539

CSS Examples

Text

The CSS property to change the color of the text to Hex 333441 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 #333441 looks like.

```
.text, #text, p{  
    color:#333441  
}
```

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 #333441 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #333441
}
```

Border

The CSS property to change the border of an element to Hex 333441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

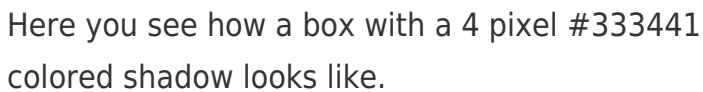
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#333441 }
```

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

```
.border{ border-color:#333441 }
```

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



Here you see how a box with a 4 pixel #333441 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #333441; -webkit-box-shadow:4px 4px  
4px 4px #333441; box-shadow:4px 4px 4px  
4px #333441 }
```

Background

The CSS property to change the background color of an element to Hex 333441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#333441 }
```

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

```
.background{ background-color:#333441 }
```

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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