

Converting Colors

Hex(33353A)

Have a look what the booklet for
Hex(33353A) contains.

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Color

Hex(33353A)

Conversions

Conversions Part 1

Format	Color
Hex	33353A
RGB	51, 53, 58
RGB Percent	20%, 21%, 23%
CMY	0.8000, 0.7922, 0.7725
CMYK	0.12, 0.09, 0.00, 0.77
HSL	223°, 6%, 21%
HSV	223°, 12%, 23%
XYZ	3.4021, 3.5555, 4.5100
YIQ	52.9720, -2.7970, 1.1310

Conversions

Conversions Part 2

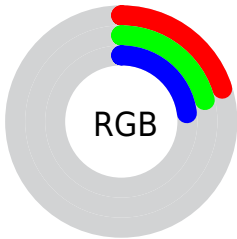
Format	Color
R_YB	51, 53, 58
Decimal	3355962
CIE Lab	22.14, 0.37, -3.43
CIE LCh	22, 3.453, 276.097
Yxy	3.5555, 0.2967, 0.3100
Android (android.graphics.Color)	4281546042 (0xFF33353A)
YUV	52.9720, 2.4788, -1.7294
Hunter-Lab	18.8560, -0.7925, -0.9817




Details

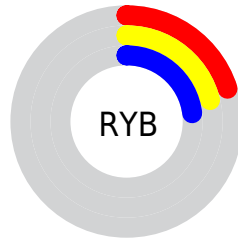
The Hex color **33353A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A3833**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **616369**, and **05080F** is the 20% darker color. If you saturate the color by 10%, you get **2D313A**, and if you desaturate by 10%, it is **39393A**.

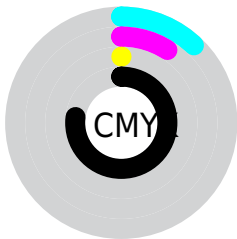
Distribution







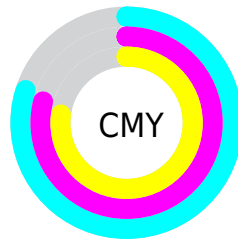
-  Red (20%)
-  Green (21%)
-  Blue (23%)






-  Red (20%)
-  Yellow (21%)
-  Blue (23%)



-  Cyan (12%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (80%)
-  Magenta (79%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33353A 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 33353A by changing the saturation by 10% instead.

■ 33353A

■ 33353A

FFFFFF

■ 1E2024

■ 616369

■ 05080F

■ 7A7C82

■ 000000

■ 94969C

■ AFB1B7

■ CACCD3

■ E6E8EF

■ 33353A

■ 33353A

■ 2D313A

■ 39393A

■ 272D3A

■ 3F3D3A

■ 22293A

■ 44413A

■ 1C243A

■ 4A463A

■ 16203A

■ 504A3A

■ 101C3A

■ 564E3A

■ 0A183A

■ 5C523A

■ 05143A

■ 61563A

■ 00113A

■ 675A3A

Harmonies

Analogous

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



30363A



33353A



363439

Triad

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



33353A



3A3332



313633

Complementary

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



33353A



3A3833

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.



343631



33353A



393430

Square

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



33353A



3A3335



373530



2F3735

Rectangle

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



33353A



383438



373530



323632

Sweetspot

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



33353A



494A4D



333A38



242526



A6A6A6



262626

Same Dimension

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



33353A



42454D



34333A



191A1C



001A5C



003FDB

Inverse Universe

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



3A3335



4D4245



393A33



1C191A



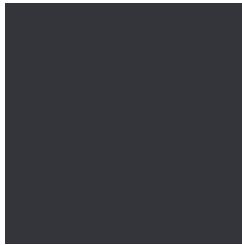
5C001A



DB003F

Previews

White Background



This preview shows how the Hex color 33353A looks on a white background.

Color Contrast Check

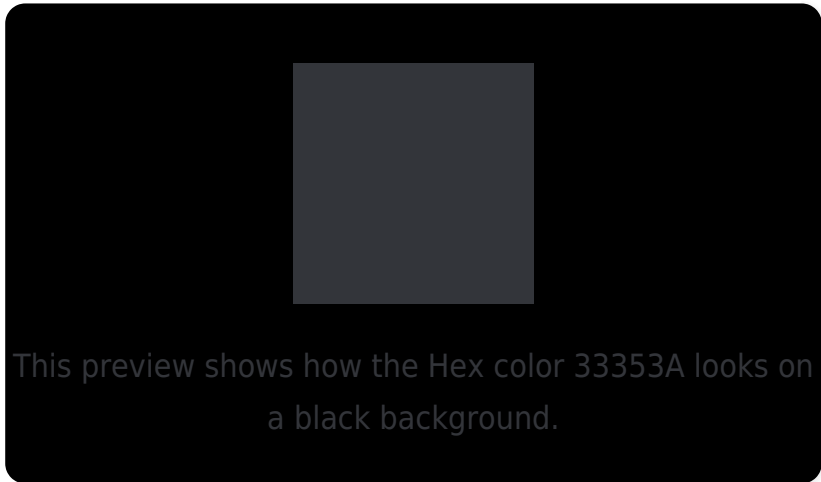
Large Text (above 18pt) WCAG AA ✓ Pass

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

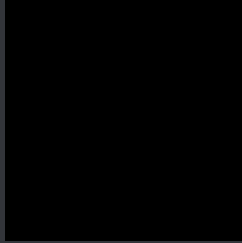
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

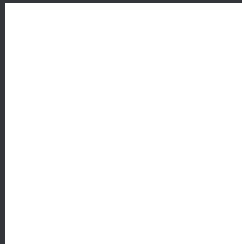
Any Text WCAG AAA × Fail

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

Hex 33353A Background



This preview shows how black text looks on a background with the Hex color 33353A.

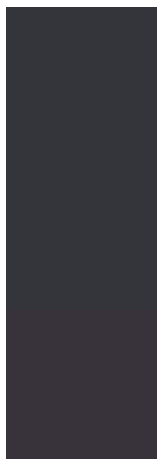


This preview shows how white text looks on a background with the Hex color 33353A.

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](#).

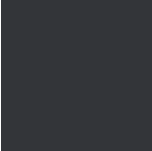
Dichromacy



Original Color
33353A

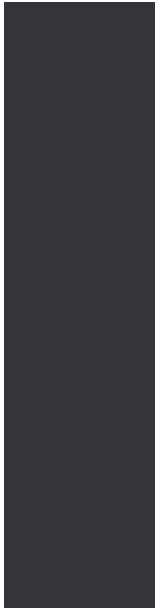
Protanopia
34353A

Deuteranopia
38333A



Tritanopia
333539

Trichromacy



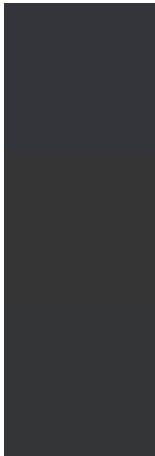
Original Color
33353A

Protanomaly
34353A

Deuteranomaly
36343A

Tritanomaly
333539

Monochromacy



Original Color
33353A

Achromatopsia
353535

Achromatomaly
343537

CSS Examples

Text

The CSS property to change the color of the text to Hex 33353A 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 #33353A looks like.

```
.text, #text, p{  
    color:#33353A  
}
```

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 #33353A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33353A
}
```

Border

The CSS property to change the border of an element to Hex 33353A is called "border". The border property can be set on classes, ids or directly on the HTML element.

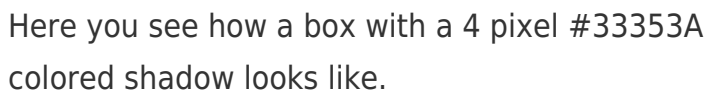
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33353A }
```

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

```
.border{ border-color:#33353A }
```

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



Here you see how a box with a 4 pixel #33353A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33353A; -webkit-box-shadow:4px 4px  
4px 4px #33353A; box-shadow:4px 4px 4px  
4px #33353A }
```

Background

The CSS property to change the background color of an element to Hex 33353A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33353A }
```

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

```
.background{ background-color:#33353A }
```

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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