

Converting Colors

Hex(36333C)

Have a look what the booklet for
Hex(36333C) contains.

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Color

Hex(36333C)

Conversions

Conversions Part 1

Format	Color
Hex	36333C
RGB	54, 51, 60
RGB Percent	21%, 20%, 24%
CMY	0.7882, 0.8000, 0.7647
CMYK	0.10, 0.15, 0.00, 0.76
HSL	260°, 8%, 22%
HSV	260°, 15%, 24%
XYZ	3.5208, 3.4782, 4.7608
YIQ	52.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

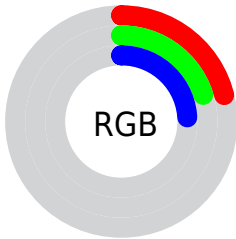
Format	Color
R_{YB}	54, 51, 60
Decimal	3552060
CIE Lab	21.87, 3.46, -5.17
CIE LCh	22, 6.225, 303.788
Yxy	3.4782, 0.2994, 0.2958
Android (android.graphics.Color)	4281742140 (0xFF36333C)
YUV	52.9230, 3.4890, 0.9445
Hunter-Lab	18.6498, 1.0604, -2.0801




Details

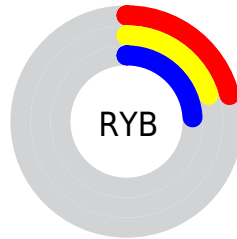
The Hex color **36333C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393C33**, and the grayscale version is **353535**.




A 20% lighter version of the original color is **65616B**, and **0A0512** is the 20% darker color. If you saturate the color by 10%, you get **322D3C**, and if you desaturate by 10%, it is **3A393C**.

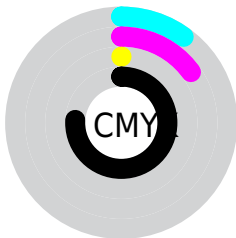
Distribution







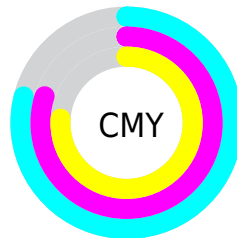
-  Red (21%)
-  Green (20%)
-  Blue (24%)






-  Red (21%)
-  Yellow (20%)
-  Blue (24%)



-  Cyan (10%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (79%)
-  Magenta (80%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36333C 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 36333C by changing the saturation by 10% instead.



36333C



36333C

FFFFFF



211E26



65616B



0A0512



7E7A84



000000



98949F



B2AEBA



CECAD5



EAE6F2



36333C



36333C



322D3C



3A393C

■ 2E273C

■ 3E3F3C

■ 2A213C

■ 42453C

■ 261B3C

■ 464B3C

■ 22153C

■ 4A513C

■ 1E0F3C

■ 4E573C

■ 1A093C

■ 525D3C

■ 16033C

■ 56633C

■ 14003C

■ 5A693C

Harmonies

Analogous

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



30353D



36333C



3B3239

Triad

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



36333C



3C332C



293735

Complementary

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



36333C



393C33

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.



2D3730



36333C



37342B

Square

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



36333C



3E322F



32362D



293739

Rectangle

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



36333C



3D3136



32362D



2A3733

Sweetspot

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



36333C



4C4B4F



33393C



272629



A8A8A8



292929

Same Dimension

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



36333C



46414F



3B333C



1D1C1F



1F005E



4A00DE

Inverse Universe

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



3C3339



4F414A



343C33



1F1C1E



5E003F



DE0094

Previews

White Background



This preview shows how the Hex color 36333C looks on a white background.

Color Contrast Check

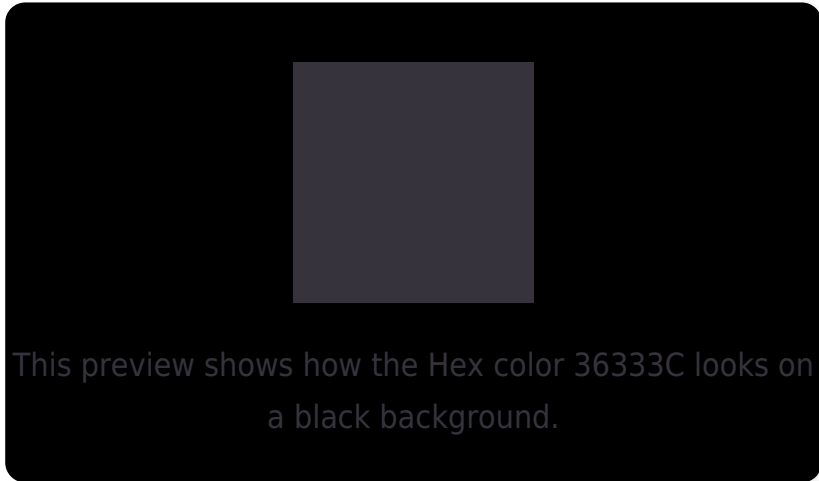
Large Text (above 18pt) WCAG AA ✓ Pass

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

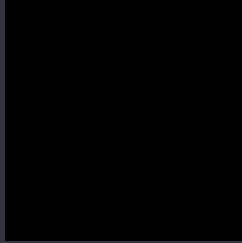
Any Text WCAG AA × Fail

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 36333C Background



This preview shows how black text looks on a background with the Hex color 36333C.



This preview shows how white text looks on a background with the Hex color 36333C.

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
36333C

Protanopia
33343D

Deuteranopia
36333C



Tritanopia
353438

Trichromacy



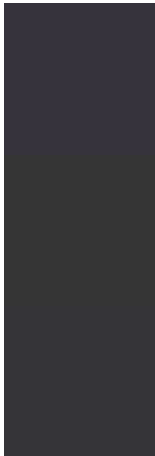
Original Color
36333C

Protanomaly
34343D

Deuteranomaly
36333C

Tritanomaly
353439

Monochromacy



Original Color
36333C

Achromatopsia
353535

Achromatomaly
353438

CSS Examples

Text

The CSS property to change the color of the text to Hex 36333C 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 #36333C looks like.

```
.text, #text, p{  
    color:#36333C  
}
```

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 #36333C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36333C
}
```

Border

The CSS property to change the border of an element to Hex 36333C is called "border". The border property can be set on classes, ids or directly on the HTML element.

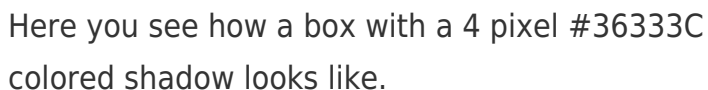
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#36333C }
```

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

```
.border{ border-color:#36333C }
```

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



Here you see how a box with a 4 pixel `#36333C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36333C; -webkit-box-shadow:4px 4px  
4px 4px #36333C; box-shadow:4px 4px 4px  
4px #36333C }
```

Background

The CSS property to change the background color of an element to Hex 36333C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36333C }
```

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

```
.background{ background-color:#36333C }
```

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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