

Converting Colors

Hex(3F333B)

Have a look what the booklet for
Hex(3F333B) contains.

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Color

Hex(3F333B)

Conversions

Conversions Part 1

Format	Color
Hex	3F333B
RGB	63, 51, 59
RGB Percent	25%, 20%, 23%
CMY	0.7529, 0.8000, 0.7686
CMYK	0.00, 0.19, 0.06, 0.75
HSL	320°, 11%, 22%
HSV	320°, 19%, 25%
XYZ	4.0231, 3.7402, 4.6476
YIQ	55.5000, 4.5840, 5.0320

Conversions

Conversions Part 2

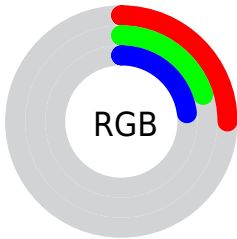
Format	Color
RYB	63, 51, 59
Decimal	4141883
CIELab	22.79, 7.04, -3.01
CIELCh	23, 7.657, 336.845
Yxy	3.7402, 0.3242, 0.3014
Android (android.graphics.Color)	4282331963 (0xFF3F333B)
YUV	55.5000, 1.7255, 6.5775
Hunter-Lab	19.3395, 3.2886, -0.7105

Details

The Hex color **3F333B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **333F37**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6F616A**, and **150511** is the 20% darker color. If you saturate the color by 10%, you get **3F2D39**, and if you desaturate by 10%, it is **3F393D**.

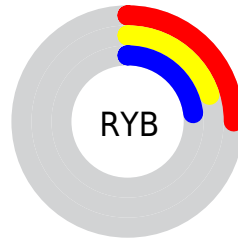
Distribution



Red (25%)

Green (20%)

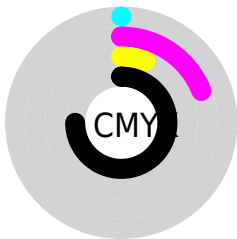
Blue (23%)



Red (25%)

Yellow (20%)

Blue (23%)

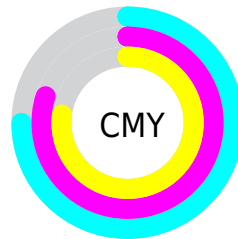


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (75%)



Cyan (75%)

Magenta (80%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F333B 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 3F333B by changing the saturation by 10% instead.



3F333B



3F333B

FFFFFF



291E25



6F616A



150511



887A83



000000



A2949D



BDAFB8



D9CAD4



F6E6F0



3F333B



3F333B



3F2D39



3F393D

■ 3F2637

■ 3F403F

■ 3F2035

■ 3F4641

■ 3F1A33

■ 3F4C43

■ 3F1431

■ 3F5346

■ 3F0D2E

■ 3F5948

■ 3F072C

■ 3F5F4A

■ 3F012A

■ 3F654C

■ 3F002A

■ 3F6C4E

Harmonies

Analogous

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



393540



3F333B



423235

Triad

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



3F333B



3A362B



27393D

Complementary

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



3F333B



333F37

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.



283A38



3F333B



33382D

Square

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



3F333B



3F352C



2D3932



2B3841

Rectangle

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



3F333B



423332



2D3932



273A3B

Sweetspot

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



3F333B



524D50



37333F



292628



A8A8A8



292929

Same Dimension

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



3F333B



523F4B



3F3335



1F1C1E



5E003F



DE0094

Inverse Universe

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



3F333B



523F4B



333F3D



1F1C1E



5E003F



DE0094

Previews

White Background



This preview shows how the Hex color 3F333B looks on a white background.

Color Contrast Check

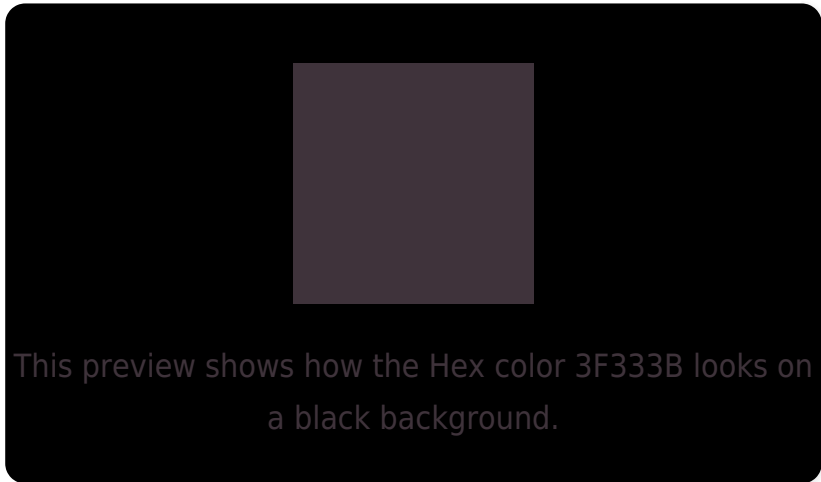
Large Text (above 18pt) WCAG AA ✓ Pass

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

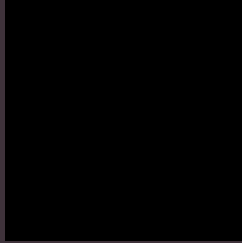
Any Text WCAG AA × Fail

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 3F333B Background



This preview shows how black text looks on a background with the Hex color 3F333B.



This preview shows how white text looks on a background with the Hex color 3F333B.

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](#).

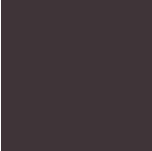
Dichromacy



Original Color
3F333B

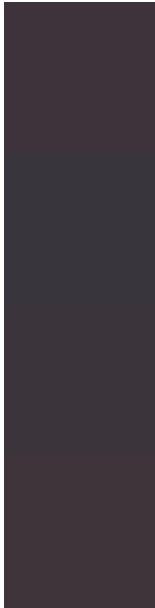
Protanopia
36363D

Deuteranopia
3A353B



Tritanopia
3F3438

Trichromacy



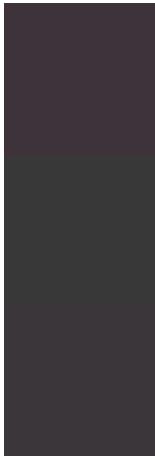
Original Color
3F333B

Protanomaly
39353C

Deuteranomaly
3C343B

Tritanomaly
3F3439

Monochromacy



Original Color
3F333B

Achromatopsia
383838

Achromatomaly
3B3639

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F333B 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 #3F333B looks like.

```
.text, #text, p{  
    color:#3F333B  
}
```

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 #3F333B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F333B
}
```

Border

The CSS property to change the border of an element to Hex 3F333B is called "border". The border property can be set on classes, ids or directly on the HTML element.

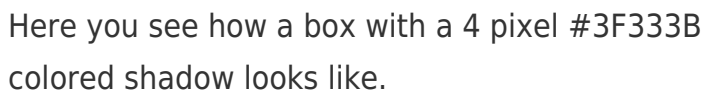
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F333B }
```

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

```
.border{ border-color:#3F333B }
```

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



Here you see how a box with a 4 pixel #3F333B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F333B; -webkit-box-shadow:4px 4px  
4px 4px #3F333B; box-shadow:4px 4px 4px  
4px #3F333B }
```

Background

The CSS property to change the background color of an element to Hex 3F333B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F333B }
```

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

```
.background{ background-color:#3F333B }
```

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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