

Converting Colors

Hex(3F2733)

Have a look what the booklet for
Hex(3F2733) contains.

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Color

Hex(3F2733)

Conversions

Conversions Part 1

Format	Color
Hex	3F2733
RGB	63, 39, 51
RGB Percent	25%, 15%, 20%
CMY	0.7529, 0.8471, 0.8000
CMYK	0.00, 0.38, 0.19, 0.75
HSL	330°, 24%, 20%
HSV	330°, 38%, 25%
XYZ	3.3730, 2.7468, 3.4844
YIQ	47.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

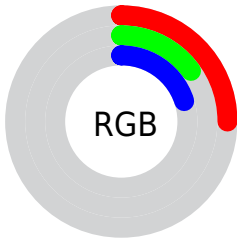
Format	Color
RYB	63, 39, 51
Decimal	4138803
CIELab	19.00, 13.45, -3.15
CIELCh	19, 13.811, 346.808
Yxy	2.7468, 0.3512, 0.2860
Android (android.graphics.Color)	4282328883 (0xFF3F2733)
YUV	47.5440, 1.7038, 13.5549
Hunter-Lab	16.5735, 7.3238, -0.8635




Details

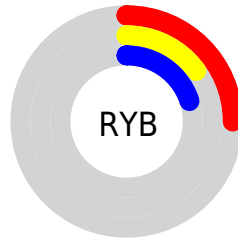
The Hex color **3F2733** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **273F33**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **6F5461**, and **130004** is the 20% darker color. If you saturate the color by 10%, you get **3F2130**, and if you desaturate by 10%, it is **3F2D36**.

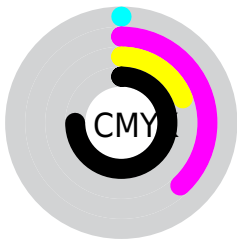
Distribution







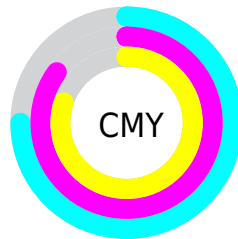
-  Red (25%)
-  Green (15%)
-  Blue (20%)






-  Red (25%)
-  Yellow (15%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (38%)
-  Yellow (19%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (85%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F2733 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 3F2733 by changing the saturation by 10% instead.

■ 3F2733

■ 3F2733

FFFFFF

■ 29121E

■ 6F5461

■ 130004

■ 896D7A

■ 000000

■ A38694

■ BEA0AE

■ DABBCA

■ F7D7E6

■ FFF4FF

■ 3F2733

■ 3F2733

■ 3F2130

■ 3F2D36

■ 3F1A2D

■ 3F3439

■ 3F142A

■ 3F3A3C

■ 3F0E26

■ 3F4040

■ 3F0723

■ 3F4743

■ 3F0120

■ 3F4D46

■ 3F0020

■ 3F5349

■ 3F594C

■ 3F604F

Harmonies

Analogous

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



362A3C



3F2733



422729

Triad

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



3F2733



2F2F1B



0C333C

Complementary

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



3F2733



273F33

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.



0D3434



3F2733



243220

Square

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



3F2733



392C1B



183329



193041

Rectangle

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



3F2733



412823



183329



0A333A

Sweetspot

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



3F2733



52494D



33273F



292326



A8A8A8



292929

Same Dimension

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



3F2733



522C3F



3F2727



1F1C1D



5E002F



DE006F

Inverse Universe

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



3F2733



522C3F



273F3F



1F1C1D



5E002F



DE006F

Previews

White Background



This preview shows how the Hex color 3F2733 looks on a white background.

Color Contrast Check

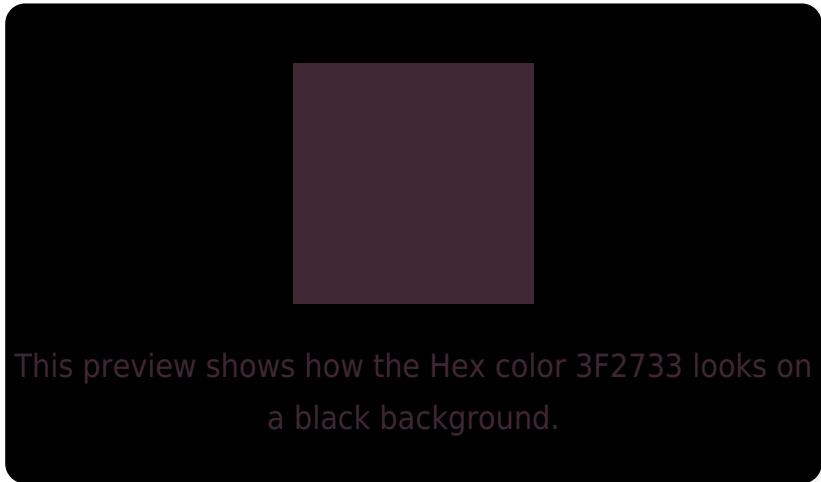
Large Text (above 18pt) WCAG AA ✓ Pass

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

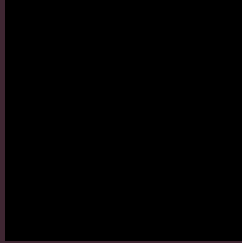
Any Text WCAG AA × Fail

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 3F2733 Background



This preview shows how black text looks on a background with the Hex color 3F2733.



This preview shows how white text looks on a background with the Hex color 3F2733.

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](#).

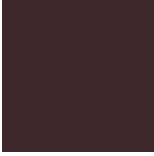
Dichromacy



Original Color
3F2733

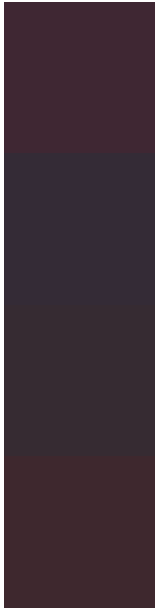
Protanopia
2D2E38

Deuteranopia
312D32



Tritanopia
3E282B

Trichromacy



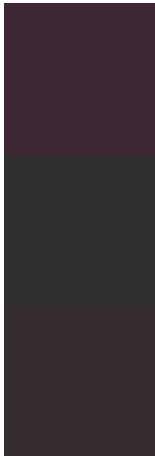
Original Color
3F2733

Protanomaly
342B36

Deuteranomaly
362B32

Tritanomaly
3E282E

Monochromacy



Original Color
3F2733

Achromatopsia
303030

Achromatomaly
352D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F2733 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 #3F2733 looks like.

```
.text, #text, p{  
    color:#3F2733  
}
```

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 #3F2733 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2733
}
```

Border

The CSS property to change the border of an element to Hex 3F2733 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
#3F2733 }
```

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

```
.border{ border-color:#3F2733 }
```

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

Here you see how a box with a 4 pixel #3F2733 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2733; -webkit-box-shadow:4px 4px  
4px 4px #3F2733; box-shadow:4px 4px 4px  
4px #3F2733 }
```

Background

The CSS property to change the background color of an element to Hex 3F2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2733 }
```

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

```
.background{ background-color:#3F2733 }
```

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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