

Converting Colors

Hex(3F2331)

Have a look what the booklet for
Hex(3F2331) contains.

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Color

Hex(3F2331)

Conversions

Conversions Part 1

Format	Color
Hex	3F2331
RGB	63, 35, 49
RGB Percent	25%, 14%, 19%
CMY	0.7529, 0.8627, 0.8078
CMYK	0.00, 0.44, 0.22, 0.75
HSL	330°, 29%, 19%
HSV	330°, 44%, 25%
XYZ	3.2053, 2.4806, 3.2156
YIQ	44.9680, 12.1940, 10.2900

Conversions

Conversions Part 2

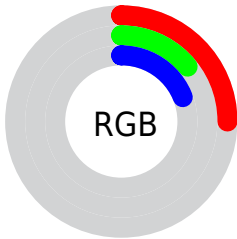
Format	Color
R_{YB}	63, 35, 49
Decimal	4137777
CIE _{Lab}	17.83, 15.72, -3.49
CIE _{LCh}	18, 16.102, 347.476
Yxy	2.4806, 0.3601, 0.2787
Android (android.graphics.Color)	4282327857 (0xFF3F2331)
YUV	44.9680, 1.9878, 15.8141
Hunter-Lab	15.7498, 8.7650, -1.0801

Details

The Hex color **3F2331** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **233F31**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6F505F**, and **100000** is the 20% darker color. If you saturate the color by 10%, you get **3F1D2E**, and if you desaturate by 10%, it is **3F2934**.

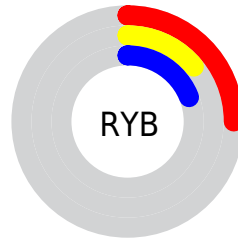
Distribution



Red (25%)

Green (14%)

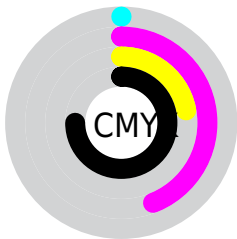
Blue (19%)



Red (25%)

Yellow (14%)

Blue (19%)

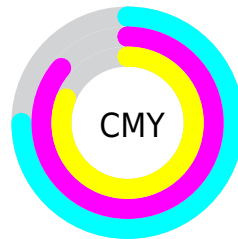


Cyan (0%)

Magenta (44%)

Yellow (22%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F2331 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 3F2331 by changing the saturation by 10% instead.



3F2331



3F2331

FFFFFF



280E1C



6F505F



100000



896878



000000



A48291



BF9CAC



DBB7C7



F8D2E3



FFEEFF



3F2331



3F2331

■ 3F1D2E

■ 3F2934

■ 3F162B

■ 3F3037

■ 3F1028

■ 3F363A

■ 3F0A24

■ 3F3C3E

■ 3F0421

■ 3F4341

■ 3F0020

■ 3F4944

■ 3F4F47

■ 3F554A

■ 3F5C4D

Harmonies

Analogous

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



35263B



3F2331



422325

Triad

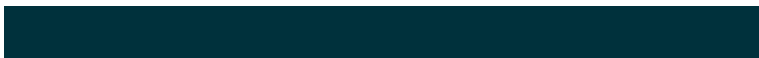
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F2331



2C2D15



00313C

Complementary

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



3F2331



233F31

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.



003232



3F2331



1F301C

Square

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



3F2331



372915



0F3126



102E42

Rectangle

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



3F2331



41241E



0F3126



003139

Sweetspot

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



3F2331



52474C



31233F



292226



A8A8A8



292929

Same Dimension

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



3F2331



52263C



3F2323



1F1C1D



5E002F



DE006F

Inverse Universe

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



3F2331



52263C



233F3F



1F1C1D



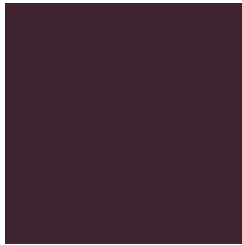
5E002F



DE006F

Previews

White Background



This preview shows how the Hex color 3F2331 looks on a white background.

Color Contrast Check

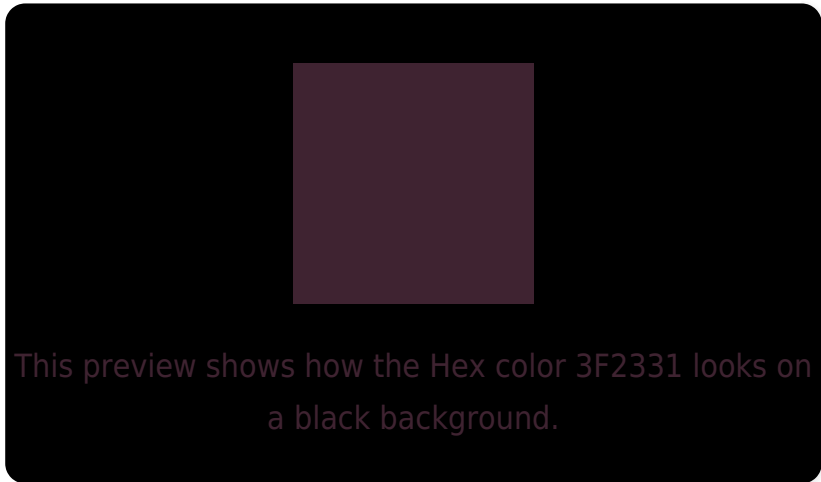
Large Text (above 18pt) WCAG AA ✓ Pass

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

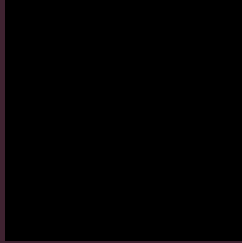
Any Text WCAG AA × Fail

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 3F2331 Background



This preview shows how black text looks on a background with the Hex color 3F2331.



This preview shows how white text looks on a background with the Hex color 3F2331.

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
3F2331

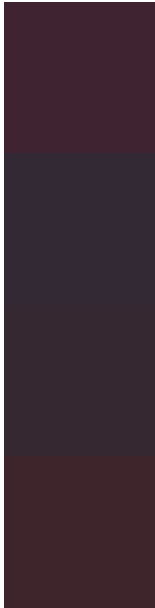
Protanopia
2A2C37

Deuteranopia
2F2B30



Tritanopia
3E2528

Trichromacy



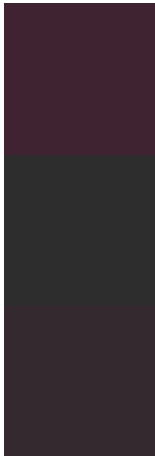
Original Color
3F2331

Protanomaly
322935

Deuteranomaly
352830

Tritanomaly
3E242B

Monochromacy



Original Color
3F2331

Achromatopsia
2D2D2D

Achromatomaly
34292E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F2331 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 #3F2331 looks like.

```
.text, #text, p{  
    color:#3F2331  
}
```

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 #3F2331 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2331
}
```

Border

The CSS property to change the border of an element to Hex 3F2331 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".

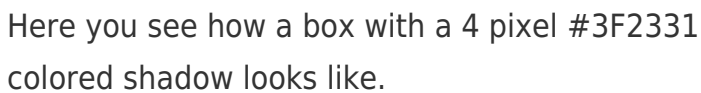
```
.border, #border, table{ border:4px solid
#3F2331 }
```

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

```
.border{ border-color:#3F2331 }
```

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

Here you see how a box with a 4 pixel #3F2331 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2331; -webkit-box-shadow:4px 4px  
4px 4px #3F2331; box-shadow:4px 4px 4px  
4px #3F2331 }
```

Background

The CSS property to change the background color of an element to Hex 3F2331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2331 }
```

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

```
.background{ background-color:#3F2331 }
```

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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