

Converting Colors

Hex(3F3031)

Have a look what the booklet for
Hex(3F3031) contains.

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Color

Hex(3F3031)

Conversions

Conversions Part 1

Format	Color
Hex	3F3031
RGB	63, 48, 49
RGB Percent	25%, 19%, 19%
CMY	0.7529, 0.8118, 0.8078
CMYK	0.00, 0.24, 0.22, 0.75
HSL	356°, 14%, 22%
HSV	356°, 24%, 25%
XYZ	3.6612, 3.3924, 3.3676
YIQ	52.5990, 8.6190, 3.4910

Conversions

Conversions Part 2

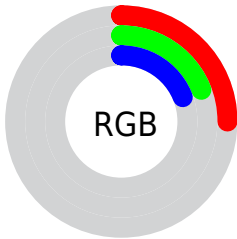
Format	Color
RYB	63, 48, 49
Decimal	4141105
CIELab	21.55, 7.00, 1.96
CIELCh	22, 7.273, 15.675
Yxy	3.3924, 0.3513, 0.3255
Android (android.graphics.Color)	4282331185 (0xFF3F3031)
YUV	52.5990, -1.7743, 9.1217
Hunter-Lab	18.4185, 3.2498, 2.0526

Details

The Hex color **3F3031** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **303F3E**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6F5E5F**, and **160001** is the 20% darker color. If you saturate the color by 10%, you get **3F2A2B**, and if you desaturate by 10%, it is **3F3637**.

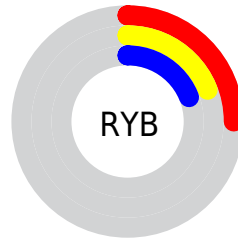
Distribution



Red (25%)

Green (19%)

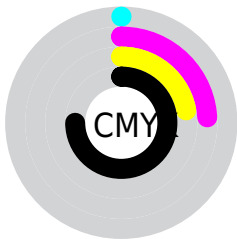
Blue (19%)



Red (25%)

Yellow (19%)

Blue (19%)

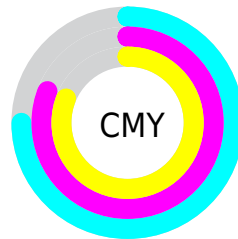


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3031 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 3F3031 by changing the saturation by 10% instead.



3F3031



3F3031

FFFFFF



291B1C



6F5E5F



160001



887778



000000



A39091



BEABAC



DAC6C7



F6E2E3



3F3031



3F3031



3F2A2B



3F3637

■ 3F2325

■ 3F3D3D

■ 3F1D1F

■ 3F4343

■ 3F1719

■ 3F4949

■ 3F1014

■ 3F504E

■ 3F0A0E

■ 3F5654

■ 3F0408

■ 3F5C5A

■ 3F0004

■ 3F6260

■ 3F6966

Harmonies

Analogous

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



3D3036



3F3031



3E312C

Triad

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



3F3031



2F362C



2B353E

Complementary

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



3F3031



303F3E

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.



26363B



3F3031



293731

Square

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



3F3031



353429



263736



31333E

Rectangle

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



3F3031



3C322A



263736



29353D

Sweetspot

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



3F3031



524C4C



3E303F



292626



A8A8A8



292929

Same Dimension

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



3F3031



523A3C



3F3730



1F1C1C



5E0006



DE000F

Inverse Universe

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



3F3031



523A3C



30393F



1F1C1C



5E0006



DE000F

Previews

White Background



This preview shows how the Hex color 3F3031 looks on a white background.

Color Contrast Check

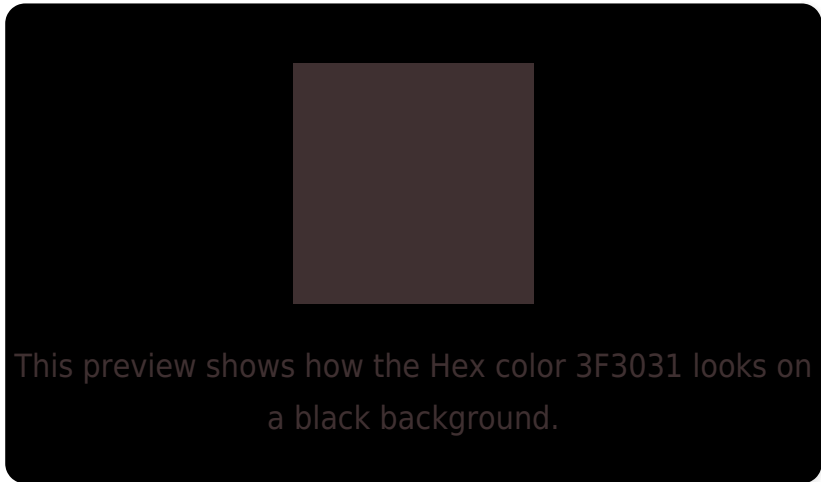
Large Text (above 18pt) WCAG AA ✓ Pass

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

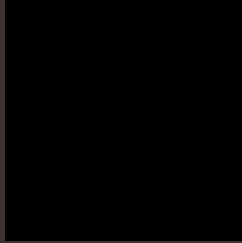
Any Text WCAG AA × Fail

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 3F3031 Background



This preview shows how black text looks on a background with the Hex color 3F3031.

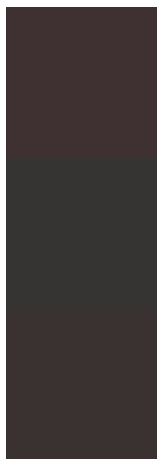


This preview shows how white text looks on a background with the Hex color 3F3031.

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](#).

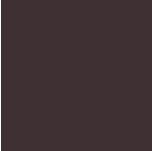
Dichromacy



Original Color
3F3031

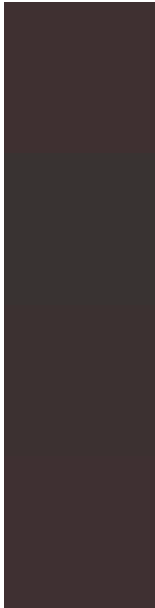
Protanopia
353433

Deuteranopia
3A3231



Tritanopia
3F3033

Trichromacy



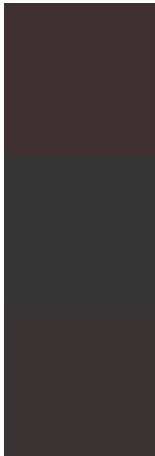
Original Color
3F3031

Protanomaly
393332

Deuteranomaly
3C3131

Tritanomaly
3F3032

Monochromacy



Original Color
3F3031

Achromatopsia
353535

Achromatomaly
393334

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3031 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 #3F3031 looks like.

```
.text, #text, p{  
    color:#3F3031  
}
```

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 #3F3031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3031
}
```

Border

The CSS property to change the border of an element to Hex 3F3031 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".

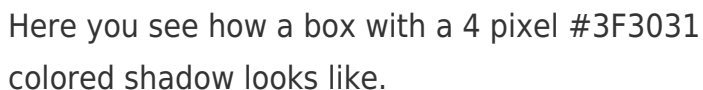
```
.border, #border, table{ border:4px solid
#3F3031 }
```

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

```
.border{ border-color:#3F3031 }
```

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

Here you see how a box with a 4 pixel #3F3031 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3031; -webkit-box-shadow:4px 4px  
4px 4px #3F3031; box-shadow:4px 4px 4px  
4px #3F3031 }
```

Background

The CSS property to change the background color of an element to Hex 3F3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3031 }
```

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

```
.background{ background-color:#3F3031 }
```

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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