

Converting Colors

Hex(3F3D31)

Have a look what the booklet for
Hex(3F3D31) contains.

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Color

Hex(3F3D31)

Conversions

Conversions Part 1

Format	Color
Hex	3F3D31
RGB	63, 61, 49
RGB Percent	25%, 24%, 19%
CMY	0.7529, 0.7608, 0.8078
CMYK	0.00, 0.03, 0.22, 0.75
HSL	51°, 12%, 22%
HSV	51°, 22%, 25%
XYZ	4.2730, 4.6160, 3.5715
YIQ	60.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

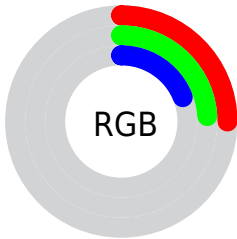
Format	Color
R_{YB}	51, 63, 49
Decimal	4144433
CIE Lab	25.61, -1.57, 7.72
CIE LCh	26, 7.881, 101.506
Yxy	4.6160, 0.3429, 0.3705
Android (android.graphics.Color)	4282334513 (0xFF3F3D31)
YUV	60.2300, -5.5364, 2.4293
Hunter-Lab	21.4849, -2.0976, 5.1835

Details

The Hex color **3F3D31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31333F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6F6C5F**, and **151302** is the 20% darker color. If you saturate the color by 10%, you get **3F3C2B**, and if you desaturate by 10%, it is **3F3E37**.

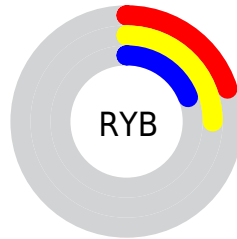
Distribution



Red (25%)

Green (24%)

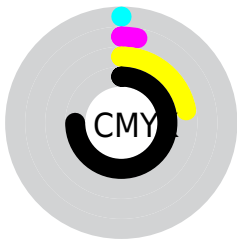
Blue (19%)



Red (20%)

Yellow (25%)

Blue (19%)

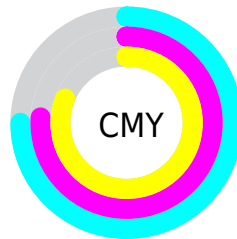


Cyan (0%)

Magenta (3%)

Yellow (22%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F3D31 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 3F3D31 by changing the saturation by 10% instead.

■ 3F3D31

■ 3F3D31

FFFFFF

■ 29271C

■ 6F6C5F

■ 151302

■ 888678

■ 000000

■ A2A092

■ BDBBAC

■ D9D6C7

■ F6F3E3

■ 3F3D31

■ 3F3D31

■ 3F3C2B

■ 3F3E37

■ 3F3B24

■ 3F3F3E

■ 3F3A1E

■ 3F4044

■ 3F3918

■ 3F414A

■ 3F3911

■ 3F4251

■ 3F380B

■ 3F4257

■ 3F3705

■ 3F435D

■ 3F3600

■ 3F4463

■ 3F456A

Harmonies

Analogous

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



453B32



3F3D31



383F34

Triad

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



3F3D31



2D4044



463941

Complementary

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



3F3D31



31333F

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.



413A46



3F3D31



323E48

Square

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



3F3D31



2E403F



393C48



49393B

Rectangle

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



3F3D31



344037



393C48



453942

Sweetspot

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



3F3D31



52514C



3F3133



292826



A8A8A8



292929

Same Dimension

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



3F3D31



524E3C



3A3F31



1F1E1C



5E5100



DEBE00

Inverse Universe

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



31333F



3C3F52



36313F



1C1C1F



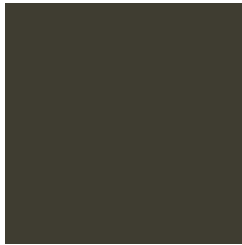
000D5E



0020DE

Previews

White Background



This preview shows how the Hex color 3F3D31 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

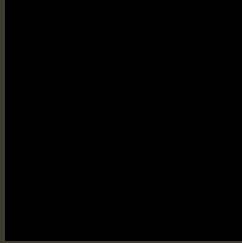
Any Text WCAG AA × Fail

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 3F3D31 Background



This preview shows how black text looks on a background with the Hex color 3F3D31.

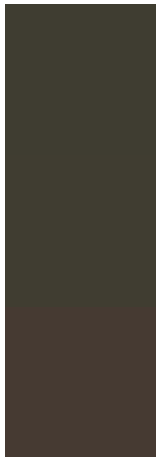


This preview shows how white text looks on a background with the Hex color 3F3D31.

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
3F3D31

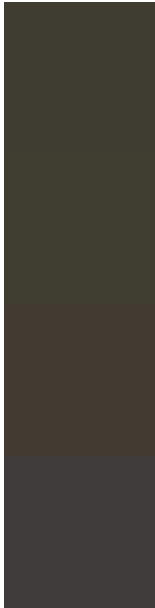
Protanopia
403D31

Deuteranopia
463A32



Tritanopia
413B40

Trichromacy



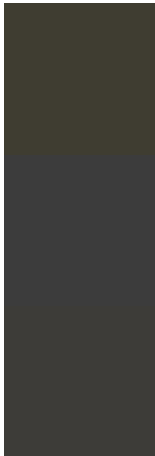
Original Color
3F3D31

Protanomaly
403D31

Deuteranomaly
433B32

Tritanomaly
403C3B

Monochromacy



Original Color
3F3D31

Achromatopsia
3C3C3C

Achromatomaly
3D3C38

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F3D31 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 #3F3D31 looks like.

```
.text, #text, p{  
    color:#3F3D31  
}
```

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 #3F3D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F3D31
}
```

Border

The CSS property to change the border of an element to Hex 3F3D31 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
#3F3D31 }
```

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

```
.border{ border-color:#3F3D31 }
```

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

Here you see how a box with a 4 pixel #3F3D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F3D31; -webkit-box-shadow:4px 4px  
4px 4px #3F3D31; box-shadow:4px 4px 4px  
4px #3F3D31 }
```

Background

The CSS property to change the background color of an element to Hex 3F3D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F3D31 }
```

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

```
.background{ background-color:#3F3D31 }
```

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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