

Converting Colors

Hex(3F1D30)

Have a look what the booklet for
Hex(3F1D30) contains.

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Color

Hex(3F1D30)

Conversions

Conversions Part 1

Format	Color
Hex	3F1D30
RGB	63, 29, 48
RGB Percent	25%, 11%, 19%
CMY	0.7529, 0.8863, 0.8118
CMYK	0.00, 0.54, 0.24, 0.75
HSL	326°, 37%, 18%
HSV	326°, 54%, 25%
XYZ	3.0228, 2.1489, 3.0518
YIQ	41.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

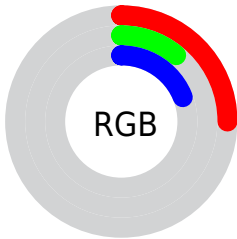
Format	Color
RYB	63, 29, 48
Decimal	4136240
CIELab	16.25, 19.40, -5.15
CIELCh	16, 20.076, 345.141
Yxy	2.1489, 0.3676, 0.2613
Android (android.graphics.Color)	4282326320 (0xFF3F1D30)
YUV	41.3320, 3.2873, 19.0028
Hunter-Lab	14.6591, 11.1540, -2.0818

Details

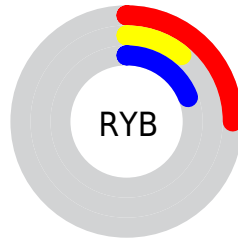
The Hex color **3F1D30** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **1D3F2C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **704A5E**, and **080000** is the 20% darker color. If you saturate the color by 10%, you get **3F172D**, and if you desaturate by 10%, it is **3F2333**.

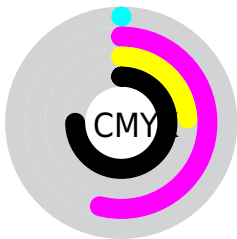
Distribution



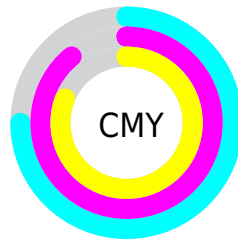
- Red (25%)
- Green (11%)
- Blue (19%)



- Red (25%)
- Yellow (11%)
- Blue (19%)



- Cyan (0%)
- Magenta (54%)
- Yellow (24%)
- Black (75%)



- Cyan (75%)
- Magenta (89%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F1D30 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 3F1D30 by changing the saturation by 10% instead.

■ 3F1D30

■ 3F1D30

FFFFFF

■ 28071B

■ 704A5E

■ 080000

■ 8A6277

■ 000000

■ A47B90

■ C095AB

■ DCB0C6

■ F8CCE2

■ FFE8FF

■ 3F1D30

■ 3F1D30

■ 3F172D

■ 3F2333

■ 3F102A

■ 3F2A36

■ 3F0A28

■ 3F3038

■ 3F0425

■ 3F363B

■ 3F0023

■ 3F3D3E

■ 3F4341

■ 3F4943

■ 3F4F46

■ 3F5649

Harmonies

Analogous

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



33223D



3F1D30



431C22

Triad

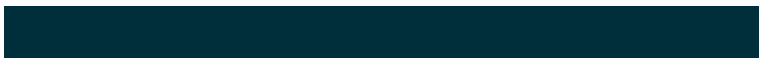
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F1D30



2A2A0A



002F3C

Complementary

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



3F1D30



1D3F2C

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.



002F2F



3F1D30



192D13

Square

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



3F1D30



37250B



012F20



002C44

Rectangle

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



3F1D30



421E19



012F20



002F38

Sweetspot

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



3F1D30



52454C



2C1D3F



292125



A8A8A8



292929

Same Dimension

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



3F1D30



521D3A



3F1D1F



1F1C1D



5E0035



DE007C

Inverse Universe

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



3F1D30



521D3A



1D3F3D



1F1C1D



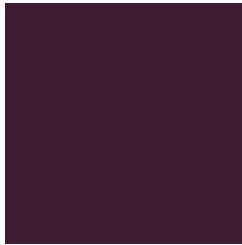
5E0035



DE007C

Previews

White Background



This preview shows how the Hex color 3F1D30 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

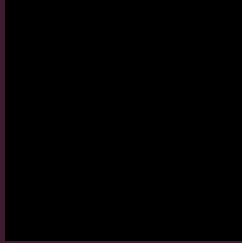
Any Text WCAG AA × Fail

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 3F1D30 Background



This preview shows how black text looks on a background with the Hex color 3F1D30.



This preview shows how white text looks on a background with the Hex color 3F1D30.

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

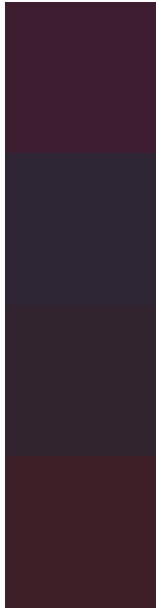


Original Color
3F1D30

Protanopia
242938

Deuteranopia
2B282E

Trichromacy



Original Color
3F1D30

Protanomaly
2E2535

Deuteranomaly
32242F

Tritanomaly
3E1F27

Monochromacy



Original Color
3F1D30

Achromatopsia
292929

Achromatomaly
31252C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F1D30 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 #3F1D30 looks like.

```
.text, #text, p{  
    color:#3F1D30  
}
```

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 #3F1D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1D30
}
```

Border

The CSS property to change the border of an element to Hex 3F1D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

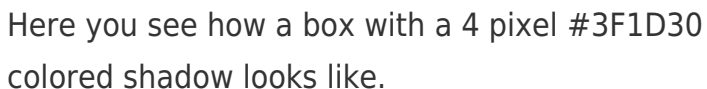
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F1D30 }
```

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

```
.border{ border-color:#3F1D30 }
```

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



Here you see how a box with a 4 pixel #3F1D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1D30; -webkit-box-shadow:4px 4px  
4px 4px #3F1D30; box-shadow:4px 4px 4px  
4px #3F1D30 }
```

Background

The CSS property to change the background color of an element to Hex 3F1D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1D30 }
```

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

```
.background{ background-color:#3F1D30 }
```

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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