

Converting Colors

Hex(3F182F)

Have a look what the booklet for
Hex(3F182F) contains.

Hex(3F182F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3F182F)

Conversions

Conversions Part 1

Format	Color
Hex	3F182F
RGB	63, 24, 47
RGB Percent	25%, 9%, 18%
CMY	0.7529, 0.9059, 0.8157
CMYK	0.00, 0.62, 0.25, 0.75
HSL	325°, 45%, 17%
HSV	325°, 62%, 25%
XYZ	2.8896, 1.9153, 2.9067
YIQ	38.2830, 15.8610, 15.4210

Conversions

Conversions Part 2

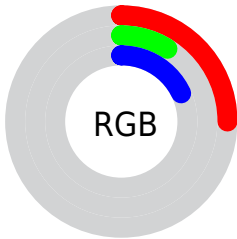
Format	Color
RYB	63, 24, 47
Decimal	4134959
CIELab	15.04, 22.28, -6.26
CIElCh	15, 23.140, 344.296
Yxy	1.9153, 0.3747, 0.2484
Android (android.graphics.Color)	4282325039 (0xFF3F182F)
YUV	38.2830, 4.2975, 21.6768
Hunter-Lab	13.8393, 13.0517, -2.7653

Details

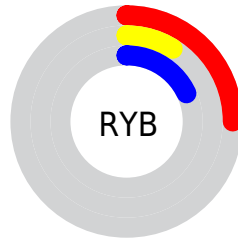
The Hex color **3F182F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **183F28**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **70455D**, and **020000** is the 20% darker color. If you saturate the color by 10%, you get **3F122C**, and if you desaturate by 10%, it is **3F1E32**.

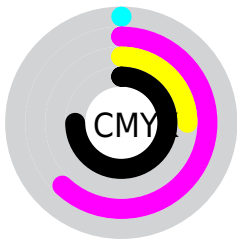
Distribution



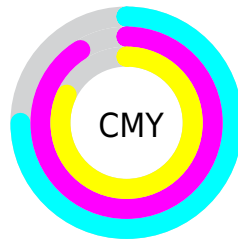
- Red (25%)
- Green (9%)
- Blue (18%)



- Red (25%)
- Yellow (9%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (25%)
- Black (75%)



- Cyan (75%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F182F 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 3F182F by changing the saturation by 10% instead.



3F182F



3F182F

FFFFFF



29011A



70455D



020000



8A5D76



000000



A5768F



C090AA



DCABC5



F9C6E1



FFE2FD



3F182F



3F182F

■ 3F122C

■ 3F1E32

■ 3F0B2A

■ 3F2534

■ 3F0527

■ 3F2B37

■ 3F0025

■ 3F3139

■ 3F383C

■ 3F3E3F

■ 3F4441

■ 3F4A44

■ 3F5146

Harmonies

Analogous

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



311E3D



3F182F



44171F

Triad

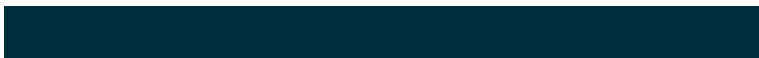
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F182F



282700



002D3C

Complementary

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



3F182F



183F28

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.



002E2D



3F182F



152B0C

Square

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



3F182F



362200



002D1C



002A45

Rectangle

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



3F182F



421914



002D1C



002D38

Sweetspot

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



3F182F



52424B



28183F



291F25



A8A8A8



292929

Same Dimension

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



3F182F



521539



3F181C



1F1C1D



5E0038



DE0083

Inverse Universe

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



3F182F



521539



183F3B



1F1C1D



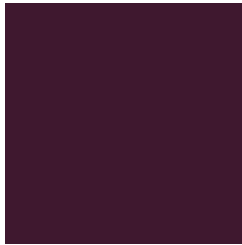
5E0038



DE0083

Previews

White Background



This preview shows how the Hex color 3F182F 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

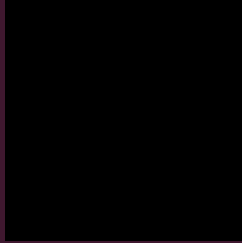
Any Text WCAG AA × Fail

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 3F182F Background



This preview shows how black text looks on a background with the Hex color 3F182F.



This preview shows how white text looks on a background with the Hex color 3F182F.

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
3F182F

Protanopia
202639

Deuteranopia
28262D

Trichromacy



Original Color
3F182F

Protanomaly
2B2135

Deuteranomaly
30212E

Tritanomaly
3E1B24

Monochromacy



Original Color
3F182F

Achromatopsia
262626

Achromatomaly
2F2129

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F182F 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 #3F182F looks like.

```
.text, #text, p{  
    color:#3F182F  
}
```

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 #3F182F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F182F
}
```

Border

The CSS property to change the border of an element to Hex 3F182F is called "border". The border property can be set on classes, ids or directly on the HTML element.

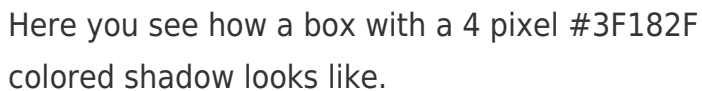
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F182F }
```

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

```
.border{ border-color:#3F182F }
```

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



Here you see how a box with a 4 pixel #3F182F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F182F; -webkit-box-shadow:4px 4px  
4px 4px #3F182F; box-shadow:4px 4px 4px  
4px #3F182F }
```

Background

The CSS property to change the background color of an element to Hex 3F182F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F182F }
```

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

```
.background{ background-color:#3F182F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor