

Converting Colors

Hex(3F102E)

Have a look what the booklet for
Hex(3F102E) contains.

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Color

Hex(3F102E)

Conversions

Conversions Part 1

Format	Color
Hex	3F102E
RGB	63, 16, 46
RGB Percent	25%, 6%, 18%
CMY	0.7529, 0.9373, 0.8196
CMYK	0.00, 0.75, 0.27, 0.75
HSL	322°, 59%, 15%
HSV	322°, 75%, 25%
XYZ	2.7283, 1.6246, 2.7545
YIQ	33.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

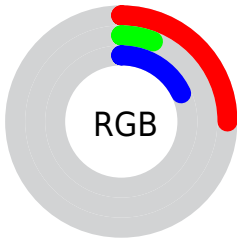
Format	Color
R_{YB}	63, 16, 46
Decimal	4132910
CIE Lab	13.38, 26.46, -8.06
CIE LCh	13, 27.659, 343.062
Yxy	1.6246, 0.3839, 0.2286
Android (android.graphics.Color)	4282322990 (0xFF3F102E)
YUV	33.4730, 6.1758, 25.8952
Hunter-Lab	12.7460, 15.9032, -3.8910




Details

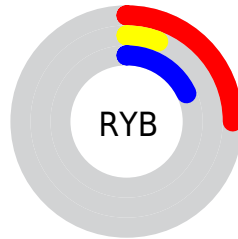
The Hex color **3F102E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **103F21**, and the grayscale version is **212121**.




A 20% lighter version of the original color is **713E5C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0A2C**, and if you desaturate by 10%, it is **3F1630**.

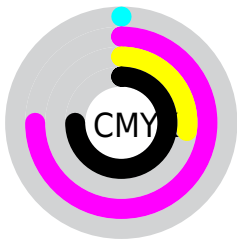
Distribution







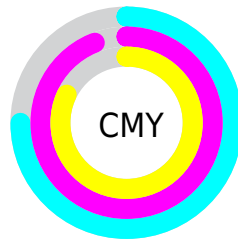
-  Red (25%)
-  Green (6%)
-  Blue (18%)






-  Red (25%)
-  Yellow (6%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (75%)
-  Yellow (27%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (94%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F102E 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 3F102E by changing the saturation by 10% instead.

 3F102E

 3F102E

 FFF7FF

 29001A

 713E5C

 000000

 8B5674

 A66F8E

 C189A8

 DEA3C4

 FABFE0

 FFDBFC

 3F102E

 3F102E

■ 3F0A2C

■ 3F1630

■ 3F0329

■ 3F1D33

■ 3F0028

■ 3F2335

■ 3F2937

■ 3F3039

■ 3F363C

■ 3F3C3E

■ 3F4240

■ 3F4943

Harmonies

Analogous

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



2E193F



3F102E



440E1B

Triad

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



3F102E



242400



002A3C

Complementary

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



3F102E



103F21

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.



002B2A



3F102E



0F2800

Square

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



3F102E



351D00



002A16



002847

Rectangle

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



3F102E



42120D



002A16



002B37

Sweetspot

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



3F102E



52404B



20103F



291E25



A8A8A8



292929

Same Dimension

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



3F102E



520837



3F1017



1F1C1D



5E003C



DE008E

Inverse Universe

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



3F102E



520837



103F38



1F1C1D



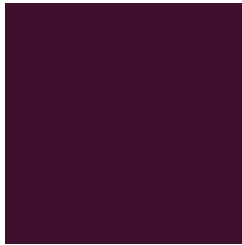
5E003C



DE008E

Previews

White Background



This preview shows how the Hex color 3F102E 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

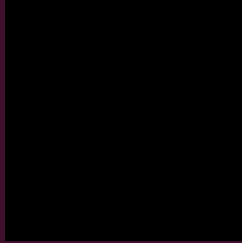
Any Text WCAG AA × Fail

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 3F102E Background



This preview shows how black text looks on a background with the Hex color 3F102E.



This preview shows how white text looks on a background with the Hex color 3F102E.

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](#).

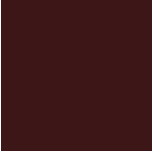
Dichromacy



Original Color
3F102E

Protanopia
1A233C

Deuteranopia
24232B



Tritanopia
3D1718

Trichromacy



Original Color
3F102E

Protanomaly
271C37

Deuteranomaly
2E1C2C

Tritanomaly
3E1420

Monochromacy



Original Color
3F102E

Achromatopsia
212121

Achromatomaly
2C1B26

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F102E 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 #3F102E looks like.

```
.text, #text, p{  
    color:#3F102E  
}
```

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 #3F102E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F102E
}
```

Border

The CSS property to change the border of an element to Hex 3F102E is called "border". The border property can be set on classes, ids or directly on the HTML element.

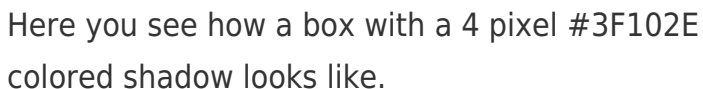
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F102E }
```

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

```
.border{ border-color:#3F102E }
```

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



Here you see how a box with a 4 pixel #3F102E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F102E; -webkit-box-shadow:4px 4px  
4px 4px #3F102E; box-shadow:4px 4px 4px  
4px #3F102E }
```

Background

The CSS property to change the background color of an element to Hex 3F102E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F102E }
```

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

```
.background{ background-color:#3F102E }
```

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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