

Converting Colors

Hex(3F123F)

Have a look what the booklet for
Hex(3F123F) contains.

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Color

Hex(3F123F)

Conversions

Conversions Part 1

Format	Color
Hex	3F123F
RGB	63, 18, 63
RGB Percent	25%, 7%, 25%
CMY	0.7529, 0.9294, 0.7529
CMYK	0.00, 0.71, 0.00, 0.75
HSL	300°, 56%, 16%
HSV	300°, 71%, 25%
XYZ	3.1634, 1.8483, 4.8926
YIQ	36.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

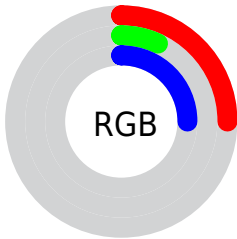
Format	Color
R_{YB}	63, 18, 63
Decimal	4133439
CIE _{Lab}	14.67, 28.64, -18.22
CIE _{LCh}	15, 33.943, 327.526
Yxy	1.8483, 0.3194, 0.1866
Android (android.graphics.Color)	4282323519 (0xFF3F123F)
YUV	36.5850, 13.0226, 23.1660
Hunter-Lab	13.5951, 17.7435, -11.8210




Details

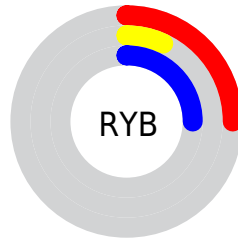
The Hex color **3F123F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **123F12**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **70406F**, and **040014** is the 20% darker color. If you saturate the color by 10%, you get **3F0C3F**, and if you desaturate by 10%, it is **3F183F**.

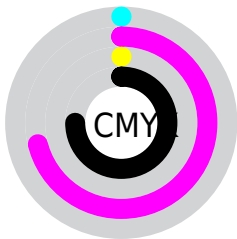
Distribution







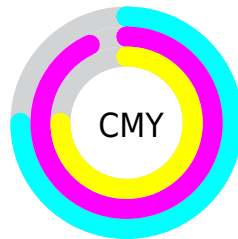
-  Red (25%)
-  Green (7%)
-  Blue (25%)






-  Red (25%)
-  Yellow (7%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (71%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (93%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F123F 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 3F123F by changing the saturation by 10% instead.

 3F123F

 3F123F

 FFFAFF

 280029

 70406F

 040014

 8B5988

 000000

 A572A3

 C18BBE

 DDA6DA

 FAC2F6

 FFDEFF

 3F123F

 3F123F

■ 3F0C3F

■ 3F183F

■ 3F053F

■ 3F1F3F

■ 3F003F

■ 3F253F

■ 3F2B3F

■ 3F323F

■ 3F383F

■ 3F3E3F

■ 3F443F

■ 3F4B3F

Harmonies

Analogous

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



1D1F50



3F123F



4D0628

Triad

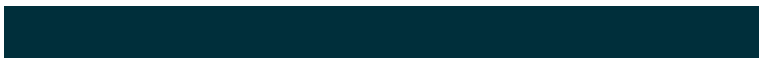
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3F123F



312300



002F3B

Complementary

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



3F123F



123F12

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.



002F22



3F123F



1A2A00

Square

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



3F123F



431900



002D06



002E4D

Rectangle

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



3F123F



4E0718



002D06



002F33

Sweetspot

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



3F123F



524052



12123F



291F29



A8A8A8



292929

Same Dimension

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



3F123F



520B52



3F1229



1F1C1F



5E005E



DE00DE

Inverse Universe

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



3F123F



520B52



123F29



1F1C1F



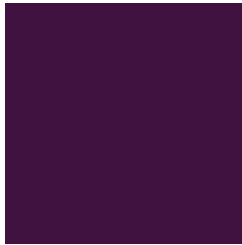
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 3F123F looks on a white background.

Color Contrast Check

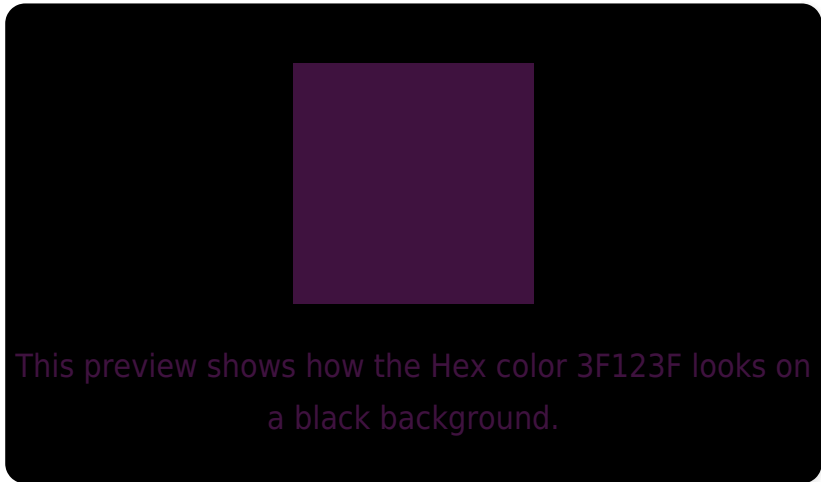
Large Text (above 18pt) WCAG AA ✓ Pass

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

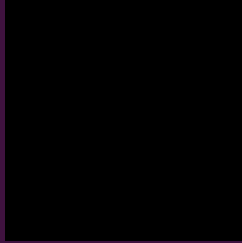
Any Text WCAG AA × Fail

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 3F123F Background



This preview shows how black text looks on a background with the Hex color 3F123F.



This preview shows how white text looks on a background with the Hex color 3F123F.

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](#).

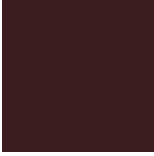
Dichromacy



Original Color
3F123F

Protanopia
00254F

Deuteranopia
1B263C



Tritanopia
3B1D1F

Trichromacy



Original Color
3F123F

Protanomaly
171E49

Deuteranomaly
281F3D

Tritanomaly
3C192B

Monochromacy



Original Color
3F123F

Achromatopsia
252525

Achromatomaly
2E1E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F123F 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 #3F123F looks like.

```
.text, #text, p{  
    color:#3F123F  
}
```

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 #3F123F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F123F
}
```

Border

The CSS property to change the border of an element to Hex 3F123F 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
#3F123F }
```

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

```
.border{ border-color:#3F123F }
```

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

Here you see how a box with a 4 pixel #3F123F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F123F; -webkit-box-shadow:4px 4px  
4px 4px #3F123F; box-shadow:4px 4px 4px  
4px #3F123F }
```

Background

The CSS property to change the background color of an element to Hex 3F123F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F123F }
```

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

```
.background{ background-color:#3F123F }
```

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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