

Converting Colors

Hex(3F0D40)

Have a look what the booklet for
Hex(3F0D40) contains.

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Color

Hex(3F0D40)

Conversions

Conversions Part 1

Format	Color
Hex	3F0D40
RGB	63, 13, 64
RGB Percent	25%, 5%, 25%
CMY	0.7529, 0.9490, 0.7490
CMYK	0.02, 0.80, 0.00, 0.75
HSL	299°, 66%, 15%
HSV	299°, 80%, 25%
XYZ	3.1192, 1.7148, 5.0171
YIQ	33.7640, 13.4290, 26.4610

Conversions

Conversions Part 2

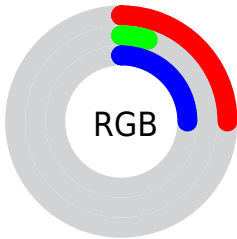
Format	Color
RYB	63, 13, 64
Decimal	4132160
CIELab	13.91, 31.15, -20.13
CIELCh	14, 37.083, 327.128
Yxy	1.7148, 0.3166, 0.1741
Android (android.graphics.Color)	4282322240 (0xFF3F0D40)
YUV	33.7640, 14.9063, 25.6400
Hunter-Lab	13.0949, 19.6028, -13.5493

Details

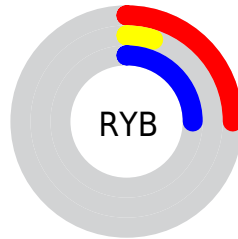
The Hex color **3F0D40** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E400D**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **713D70**, and **020014** is the 20% darker color. If you saturate the color by 10%, you get **3F0740**, and if you desaturate by 10%, it is **3F1340**.

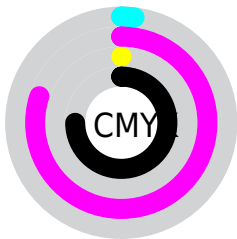
Distribution



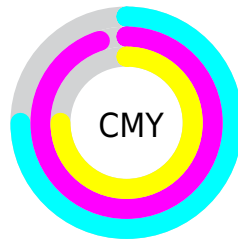
- Red (25%)
- Green (5%)
- Blue (25%)



- Red (25%)
- Yellow (5%)
- Blue (25%)



- Cyan (2%)
- Magenta (80%)
- Yellow (0%)
- Black (75%)



- Cyan (75%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F0D40 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 3F0D40 by changing the saturation by 10% instead.

 3F0D40

 3F0D40

 FFF6FF

 29002A

 713D70

 020014

 8B558A

 000000

 A66EA4

 C188BF

 DEA2DB

 FBBEF8

 FFDAFF

 3F0D40

 3F0D40

■ 3F0740

■ 3F1340

■ 3F0040

■ 3F1A40

■ 3F2040

■ 402740

■ 402D40

■ 403340

■ 403A40

■ 404040

■ 404740

Harmonies

Analogous

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



181E52



3F0D40



4E0027

Triad

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



3F0D40



2F2200



002E3B

Complementary

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



3F0D40



0E400D

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.



002E20



3F0D40



162900

Square

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



3F0D40



421600



002C00



002D4F

Rectangle

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



3F0D40



4F0016



002C00



002E32

Sweetspot

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



3F0D40



544054



0D0F40



2B1F2B



ABABAB



2B2B2B

Same Dimension

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



3F0D40



530354



400D28



211E21



5F0061



DC00E0

Inverse Universe

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



400D0E



540305



0D4025



211E1E



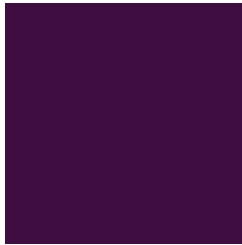
610002



E00004

Previews

White Background



This preview shows how the Hex color 3F0D40 looks on a white background.

Color Contrast Check

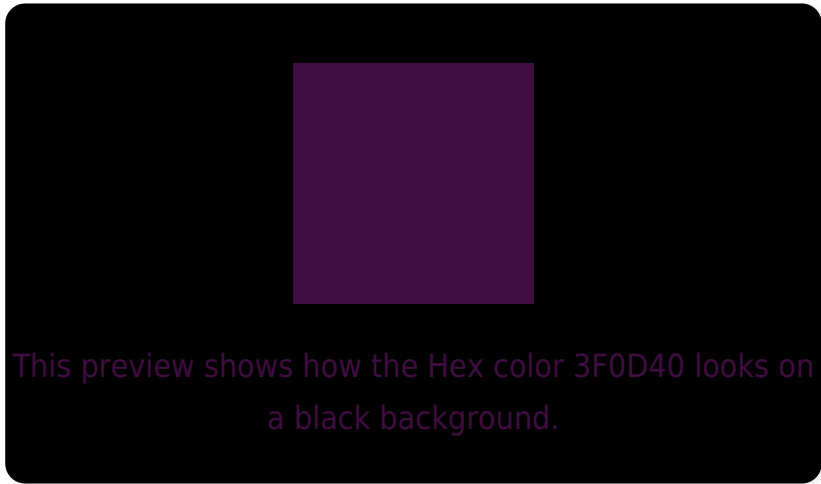
Large Text (above 18pt) WCAG AA ✓ Pass

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

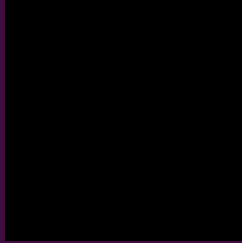
Any Text WCAG AA × Fail

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 3F0D40 Background



This preview shows how black text looks on a background with the Hex color 3F0D40.



This preview shows how white text looks on a background with the Hex color 3F0D40.

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
3F0D40

Protanopia
00244D

Deuteranopia
18263C



Tritanopia
3B1B1D

Trichromacy



Original Color
3F0D40

Protanomaly
171C48

Deuteranomaly
261D3D

Tritanomaly
3C162A

Monochromacy



Original Color
3F0D40

Achromatopsia
222222

Achromatomaly
2D1A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F0D40 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 #3F0D40 looks like.

```
.text, #text, p{  
    color:#3F0D40  
}
```

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 #3F0D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0D40
}
```

Border

The CSS property to change the border of an element to Hex 3F0D40 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".

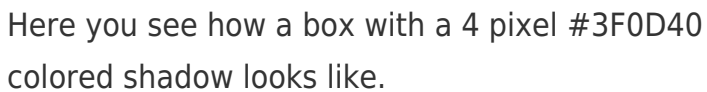
```
.border, #border, table{ border:4px solid
#3F0D40 }
```

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

```
.border{ border-color:#3F0D40 }
```

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

Here you see how a box with a 4 pixel #3F0D40 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0D40; -webkit-box-shadow:4px 4px  
4px 4px #3F0D40; box-shadow:4px 4px 4px  
4px #3F0D40 }
```

Background

The CSS property to change the background color of an element to Hex 3F0D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0D40 }
```

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

```
.background{ background-color:#3F0D40 }
```

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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