

Converting Colors

Hex(3A0F4F)

Have a look what the booklet for
Hex(3A0F4F) contains.

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Color

Hex(3A0F4F)

Conversions

Conversions Part 1

Format	Color
Hex	3A0F4F
RGB	58, 15, 79
RGB Percent	23%, 6%, 31%
CMY	0.7725, 0.9412, 0.6902
CMYK	0.27, 0.81, 0.00, 0.69
HSL	280°, 68%, 18%
HSV	280°, 81%, 31%
XYZ	3.3270, 1.8057, 7.5703
YIQ	35.1530, 5.0840, 29.0200

Conversions

Conversions Part 2

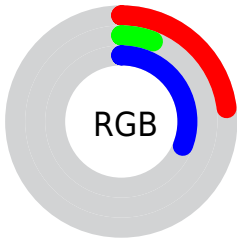
Format	Color
R_{YB}	58, 15, 79
Decimal	3805007
CIE _{Lab}	14.43, 32.38, -29.77
CIE _{LCh}	14, 43.988, 317.409
Yxy	1.8057, 0.2619, 0.1421
Android (android.graphics.Color)	4281995087 (0xFF3A0F4F)
YUV	35.1530, 21.6166, 20.0368
Hunter-Lab	13.4376, 20.6790, -23.9957

Details

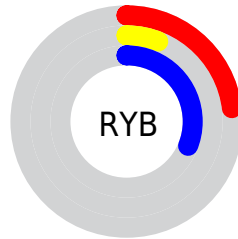
The Hex color **3A0F4F** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **244F0F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **6C3E81**, and **000022** is the 20% darker color. If you saturate the color by 10%, you get **37074F**, and if you desaturate by 10%, it is **3D174F**.

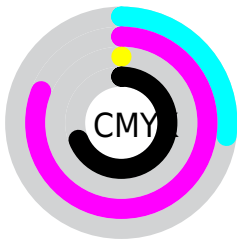
Distribution



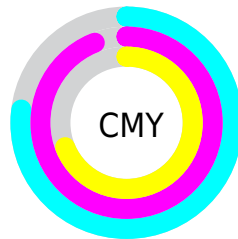
- Red (23%)
- Green (6%)
- Blue (31%)



- Red (23%)
- Yellow (6%)
- Blue (31%)



- Cyan (27%)
- Magenta (81%)
- Yellow (0%)
- Black (69%)



- Cyan (77%)
- Magenta (94%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0F4F 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 3A0F4F by changing the saturation by 10% instead.

■ 3A0F4F

■ 3A0F4F

■ FFF8FF

■ 230038

■ 6C3E81

■ 000022

■ 86569B

■ 000007

■ A16FB6

■ 000000

■ BC89D2

■ D9A4EE

■ F5BFFF

■ FFDBFF

■ 3A0F4F

■ 3A0F4F

■ 37074F

■ 3D174F

■ 35004F

■ 3F1F4F

■ 42274F

■ 442F4F

■ 47364F

■ 4A3E4F

■ 4C464F

■ 4F4E4F

■ 51564F

Harmonies

Analogous

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



002361



3A0F4F



530033

Triad

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



3A0F4F



391E00



003136

Complementary

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



3A0F4F



244F0F

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.



003016



3A0F4F



1E2900

Square

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



3A0F4F



4D0A00



002E00



003052

Rectangle

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



3A0F4F



58001E



002E00



00312C

Sweetspot

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



3A0F4F



5E4E66



0F244F



2E2433



B3B3B3



333333

Same Dimension

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



3A0F4F



460366



4F0F44



252226



450066



9A00E6

Inverse Universe

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



4F0F24



660324



0F4F1A



262224



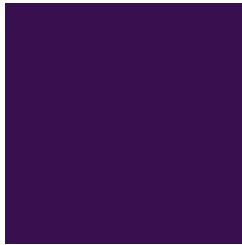
660021



E6004B

Previews

White Background



This preview shows how the Hex color 3A0F4F looks on a white background.

Color Contrast Check

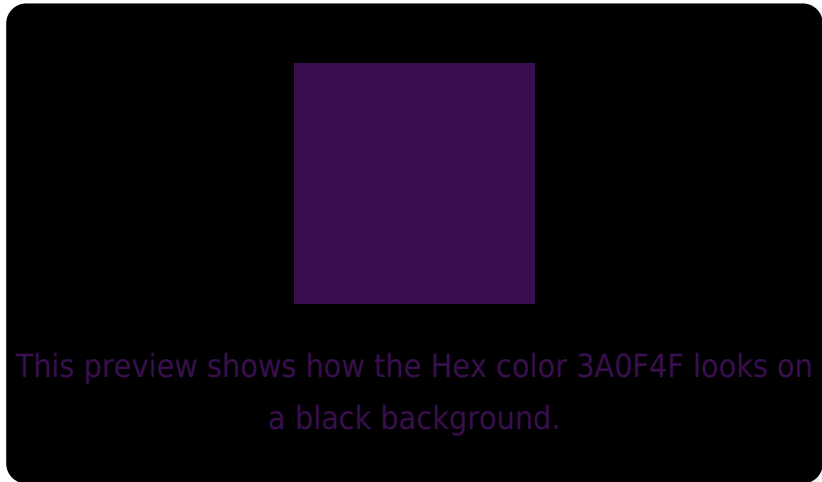
Large Text (above 18pt) WCAG AA ✓ Pass

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

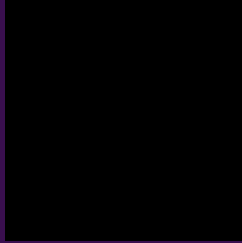
Any Text WCAG AA × Fail

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 3A0F4F Background



This preview shows how black text looks on a background with the Hex color 3A0F4F.



This preview shows how white text looks on a background with the Hex color 3A0F4F.

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
3A0F4F

Protanopia
00254E

Deuteranopia
002744



Tritanopia
332124

Trichromacy



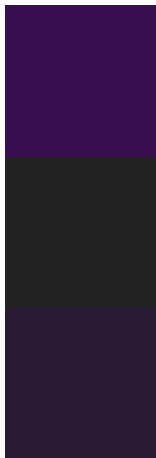
Original Color
3A0F4F

Protanomaly
151D4E

Deuteranomaly
151E48

Tritanomaly
361A34

Monochromacy



Original Color
3A0F4F

Achromatopsia
232323

Achromatomaly
2B1C33

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0F4F 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 #3A0F4F looks like.

```
.text, #text, p{  
    color:#3A0F4F  
}
```

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 #3A0F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0F4F
}
```

Border

The CSS property to change the border of an element to Hex 3A0F4F is called "border". The border property can be set on classes, ids or directly on the HTML element.

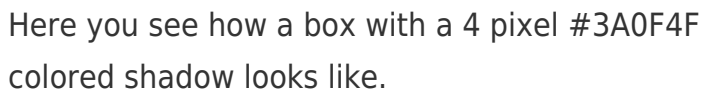
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0F4F }
```

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

```
.border{ border-color:#3A0F4F }
```

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



Here you see how a box with a 4 pixel #3A0F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0F4F; -webkit-box-shadow:4px 4px  
4px 4px #3A0F4F; box-shadow:4px 4px 4px  
4px #3A0F4F }
```

Background

The CSS property to change the background color of an element to Hex 3A0F4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0F4F }
```

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

```
.background{ background-color:#3A0F4F }
```

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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