

Converting Colors

Hex(3A0D42)

Have a look what the booklet for
Hex(3A0D42) contains.

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Color

Hex(3A0D42)

Conversions

Conversions Part 1

Format	Color
Hex	3A0D42
RGB	58, 13, 66
RGB Percent	23%, 5%, 26%
CMY	0.7725, 0.9490, 0.7412
CMYK	0.12, 0.80, 0.00, 0.74
HSL	291°, 67%, 15%
HSV	291°, 80%, 26%
XYZ	2.8722, 1.5807, 5.3080
YIQ	32.4970, 9.8070, 26.0230

Conversions

Conversions Part 2

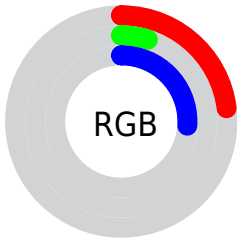
Format	Color
R_{YB}	58, 13, 66
Decimal	3804482
CIE _{Lab}	13.11, 30.25, -22.87
CIE _{LCh}	13, 37.924, 322.916
Yxy	1.5807, 0.2943, 0.1619
Android (android.graphics.Color)	4281994562 (0xFF3A0D42)
YUV	32.4970, 16.5170, 22.3661
Hunter-Lab	12.5727, 18.7757, -16.2303

Details

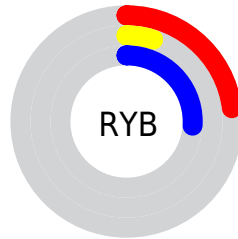
The Hex color **3A0D42** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **15420D**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6B3C72**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **390642**, and if you desaturate by 10%, it is **3B1442**.

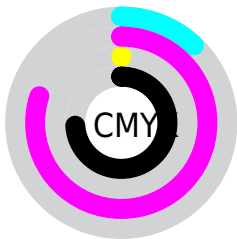
Distribution



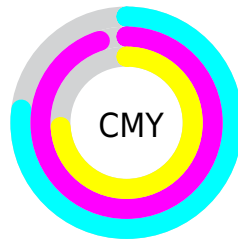
- Red (23%)
- Green (5%)
- Blue (26%)



- Red (23%)
- Yellow (5%)
- Blue (26%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (74%)



- Cyan (77%)
- Magenta (95%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0D42 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 3A0D42 by changing the saturation by 10% instead.

 3A0D42

 3A0D42

 FFF5FF

 25002C

 6B3C72

 000116

 85548C

 000000

 A06DA7

 BB87C2

 D7A1DE

 F4BCFA

 FFD8FF

 3A0D42

 3A0D42

■ 390642

■ 3B1442

■ 380042

■ 3C1A42

■ 3D2142

■ 3E2742

■ 3F2E42

■ 403542

■ 413B42

■ 424242

■ 434842

Harmonies

Analogous

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



061E53



3A0D42



4C0029

Triad

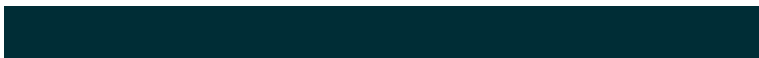
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A0D42



301F00



002D36

Complementary

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



3A0D42



15420D

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.



002D1A



3A0D42



182600

Square

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



3A0D42



431100



002A00



002B4C

Rectangle

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



3A0D42



4E0018



002A00



002D2D

Sweetspot

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



3A0D42



544257



0D1642



291F2B



ABABAB



2B2B2B

Same Dimension

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



3A0D42



4A0357



420D30



211E21



520061



BF00E0

Inverse Universe

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



420D15



570310



0D421F



211E1E



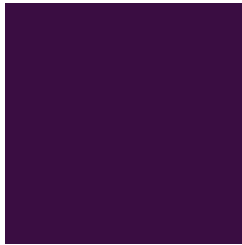
61000F



E00022

Previews

White Background



This preview shows how the Hex color 3A0D42 looks on a white background.

Color Contrast Check

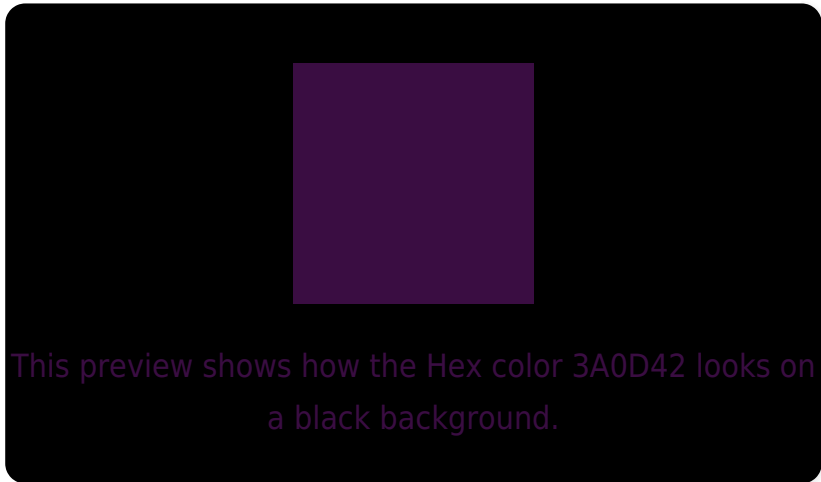
Large Text (above 18pt) WCAG AA ✓ Pass

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

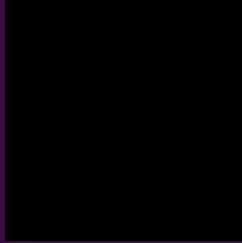
Any Text WCAG AA × Fail

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 3A0D42 Background



This preview shows how black text looks on a background with the Hex color 3A0D42.



This preview shows how white text looks on a background with the Hex color 3A0D42.

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
3A0D42

Protanopia
002249

Deuteranopia
0D243E



Tritanopia
351C1E

Trichromacy



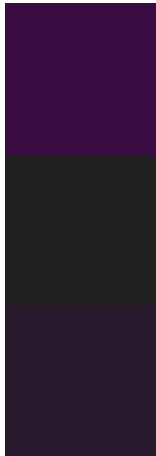
Original Color
3A0D42

Protanomaly
151A46

Deuteranomaly
1D1C3F

Tritanomaly
37172B

Monochromacy



Original Color
3A0D42

Achromatopsia
202020

Achromatomaly
29192C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0D42 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 #3A0D42 looks like.

```
.text, #text, p{  
    color:#3A0D42  
}
```

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 #3A0D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0D42
}
```

Border

The CSS property to change the border of an element to Hex 3A0D42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

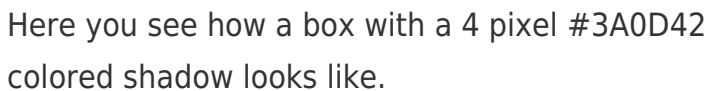
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A0D42 }
```

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

```
.border{ border-color:#3A0D42 }
```

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



Here you see how a box with a 4 pixel #3A0D42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0D42; -webkit-box-shadow:4px 4px  
4px 4px #3A0D42; box-shadow:4px 4px 4px  
4px #3A0D42 }
```

Background

The CSS property to change the background color of an element to Hex 3A0D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0D42 }
```

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

```
.background{ background-color:#3A0D42 }
```

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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