

Converting Colors

Hex(3A0337)

Have a look what the booklet for
Hex(3A0337) contains.

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Color

Hex(3A0337)

Conversions

Conversions Part 1

Format	Color
Hex	3A0337
RGB	58, 3, 55
RGB Percent	23%, 1%, 22%
CMY	0.7725, 0.9882, 0.7843
CMYK	0.00, 0.95, 0.05, 0.77
HSL	303°, 90%, 12%
HSV	303°, 95%, 23%
XYZ	2.4671, 1.2405, 3.7238
YIQ	25.3730, 16.0880, 27.8320

Conversions

Conversions Part 2

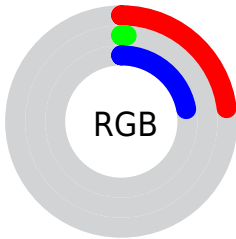
Format	Color
R_{YB}	58, 3, 55
Decimal	3801911
CIE _{Lab}	10.85, 32.30, -18.62
CIE _{LCh}	11, 37.281, 330.034
Yxy	1.2405, 0.3320, 0.1669
Android (android.graphics.Color)	4281991991 (0xFF3A0337)
YUV	25.3730, 14.6061, 28.6139
Hunter-Lab	11.1378, 20.0475, -12.0268

Details

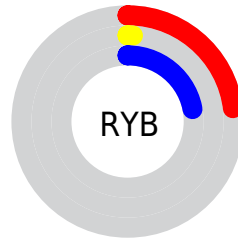
The Hex color **3A0337** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **033A06**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **6C3466**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **3A0037**, and if you desaturate by 10%, it is **3A0937**.

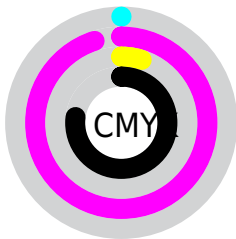
Distribution



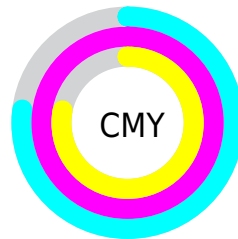
- Red (23%)
- Green (1%)
- Blue (22%)



- Red (23%)
- Yellow (1%)
- Blue (22%)



- Cyan (0%)
- Magenta (95%)
- Yellow (5%)
- Black (77%)



- Cyan (77%)
- Magenta (99%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A0337 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 3A0337 by changing the saturation by 10% instead.

 3A0337

 3A0337

 FFEDFF

 260022

 6C3466

 000007

 864C7F

 000000

 A06599

 BC7FB4

 D899D0

 F5B4EC

 FFD0FF

 3A0337

 3A0337

■ 3A0037

■ 3A0937

■ 3A0F38

■ 3A1438

■ 3A1A38

■ 3A2039

■ 3A2639

■ 3A2C39

■ 3A313A

■ 3A373A

Harmonies

Analogous

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



16164A



3A0337



47001E

Triad

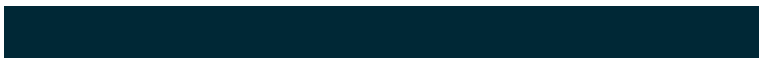
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A0337



261C00



002836

Complementary

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



3A0337



033A06

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.



00281C



3A0337



0A2300

Square

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



3A0337



391100



002700



00264A

Rectangle

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



3A0337



47000B



002700



00282E

Sweetspot

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



3A0337



4D374B



06033A



261926



A6A6A6



262626

Same Dimension

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



3A0337



4D0048



3A031C



1C191C



5C0057



DB00CF

Inverse Universe

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



3A0337



4D0048



033A21



1C191C



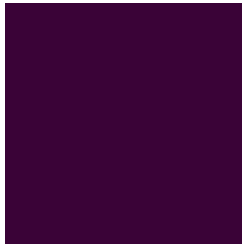
5C0057



DB00CF

Previews

White Background



This preview shows how the Hex color 3A0337 looks on a white background.

Color Contrast Check

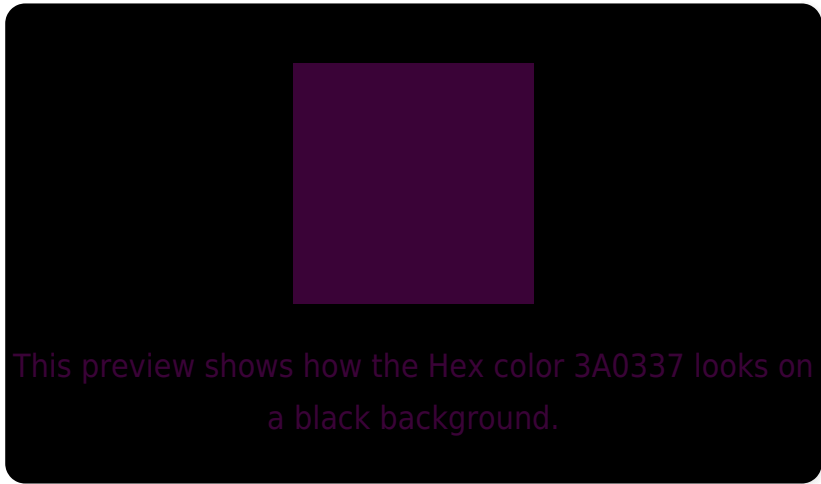
Large Text (above 18pt) WCAG AA ✓ Pass

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

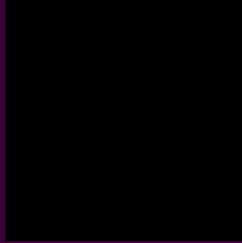
Any Text WCAG AA × Fail

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 3A0337 Background



This preview shows how black text looks on a background with the Hex color 3A0337.



This preview shows how white text looks on a background with the Hex color 3A0337.

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
3A0337

Protanopia
002043

Deuteranopia
172134



Tritanopia
371617

Trichromacy



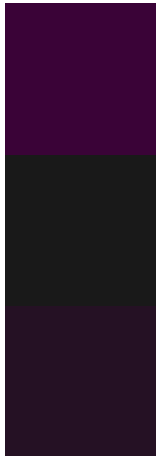
Original Color
3A0337

Protanomaly
15153F

Deuteranomaly
241635

Tritanomaly
380F23

Monochromacy



Original Color
3A0337

Achromatopsia
191919

Achromatomaly
251124

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A0337 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 #3A0337 looks like.

```
.text, #text, p{  
    color:#3A0337  
}
```

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 #3A0337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A0337
}
```

Border

The CSS property to change the border of an element to Hex 3A0337 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
#3A0337 }
```

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

```
.border{ border-color:#3A0337 }
```

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

Here you see how a box with a 4 pixel #3A0337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A0337; -webkit-box-shadow:4px 4px  
4px 4px #3A0337; box-shadow:4px 4px 4px  
4px #3A0337 }
```

Background

The CSS property to change the background color of an element to Hex 3A0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A0337 }
```

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

```
.background{ background-color:#3A0337 }
```

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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