

Converting Colors

Hex(3A035A)

Have a look what the booklet for
Hex(3A035A) contains.

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Color

Hex(3A035A)

Conversions

Conversions Part 1

Format	Color
Hex	3A035A
RGB	58, 3, 90
RGB Percent	23%, 1%, 35%
CMY	0.7725, 0.9882, 0.6471
CMYK	0.36, 0.97, 0.00, 0.65
HSL	278°, 94%, 18%
HSV	278°, 97%, 35%
XYZ	3.6229, 1.7029, 9.8106
YIQ	29.3630, 4.8530, 38.7170

Conversions

Conversions Part 2

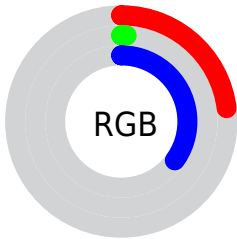
Format	Color
R_{YB}	58, 3, 90
Decimal	3801946
CIE _{Lab}	13.84, 39.64, -38.21
CIE _{LCh}	14, 55.053, 316.051
Yxy	1.7029, 0.2394, 0.1125
Android (android.graphics.Color)	4281992026 (0xFF3A035A)
YUV	29.3630, 29.8940, 25.1146
Hunter-Lab	13.0493, 26.7215, -35.4402

Details

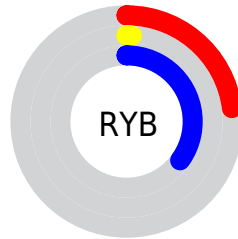
The Hex color **3A035A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **235A03**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **6D378D**, and **00002B** is the 20% darker color. If you saturate the color by 10%, you get **39005A**, and if you desaturate by 10%, it is **3D0C5A**.

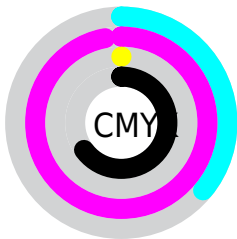
Distribution



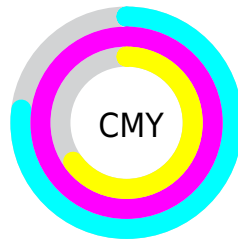
- Red (23%)
- Green (1%)
- Blue (35%)



- Red (23%)
- Yellow (1%)
- Blue (35%)



- Cyan (36%)
- Magenta (97%)
- Yellow (0%)
- Black (65%)



- Cyan (77%)
- Magenta (99%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A035A 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 3A035A by changing the saturation by 10% instead.

 3A035A

 3A035A

 FFF1FF

 220042

 6D378D

 00002B

 8850A8

 000115

 A369C3

 000000

 BF83DF

 DC9DFC

 F9B9FF

 FFD5FF

 3A035A

 3A035A

■ 39005A

■ 3D0C5A

■ 41155A

■ 441E5A

■ 47275A

■ 4B305A

■ 4E395A

■ 51425A

■ 544B5A

■ 58545A

Harmonies

Analogous

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



002370



3A035A



5B0037

Triad

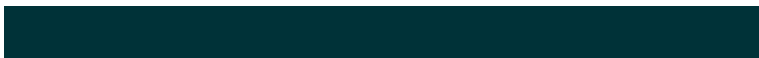
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A035A



3B1B00



003238

Complementary

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



3A035A



235A03

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.



00310E



3A035A



192800

Square

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



3A035A



540000



002E00



00315B

Rectangle

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



3A035A



61001E



002E00



00322A

Sweetspot

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



3A035A



695375



03245A



33263B



BABABA



3B3B3B

Same Dimension

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



3A035A



4A0075



5A0350



2C292E



45006E



9600ED

Inverse Universe

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



5A0323



75002B



035A0D



2E292B



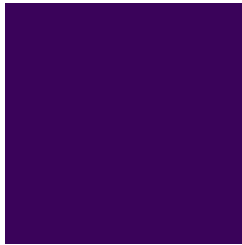
6E0028



ED0057

Previews

White Background



This preview shows how the Hex color 3A035A looks on a white background.

Color Contrast Check

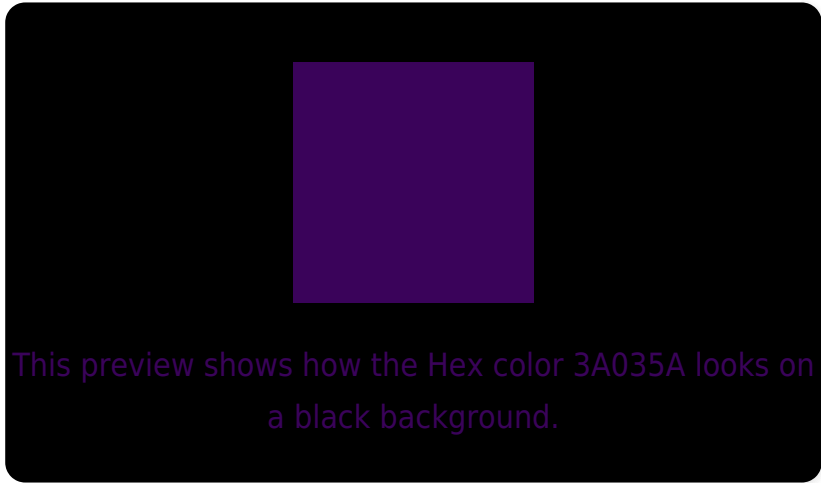
Large Text (above 18pt) WCAG AA ✓ Pass

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

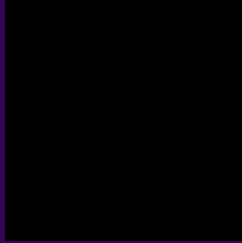
Any Text WCAG AA × Fail

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 3A035A Background



This preview shows how black text looks on a background with the Hex color 3A035A.



This preview shows how white text looks on a background with the Hex color 3A035A.

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](#).

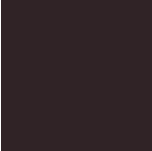
Dichromacy



Original Color
3A035A

Protanopia
00254F

Deuteranopia
002844



Tritanopia
302326

Trichromacy



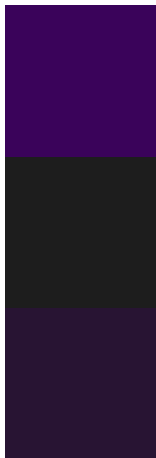
Original Color
3A035A

Protanomaly
151953

Deuteranomaly
151B4C

Tritanomaly
341739

Monochromacy



Original Color
3A035A

Achromatopsia
1D1D1D

Achromatomaly
281433

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A035A 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 #3A035A looks like.

```
.text, #text, p{  
    color:#3A035A  
}
```

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 #3A035A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A035A
}
```

Border

The CSS property to change the border of an element to Hex 3A035A is called "border". The border property can be set on classes, ids or directly on the HTML element.

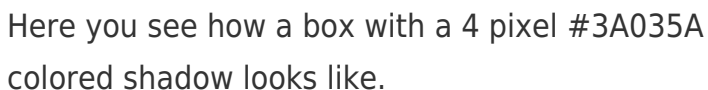
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A035A }
```

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

```
.border{ border-color:#3A035A }
```

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



Here you see how a box with a 4 pixel #3A035A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A035A; -webkit-box-shadow:4px 4px  
4px 4px #3A035A; box-shadow:4px 4px 4px  
4px #3A035A }
```

Background

The CSS property to change the background color of an element to Hex 3A035A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A035A }
```

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

```
.background{ background-color:#3A035A }
```

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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