

Converting Colors

Hex(A0306E)

Have a look what the booklet for
Hex(A0306E) contains.

Hex(A0306E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A0306E)

Conversions

Conversions Part 1

Format	Color
Hex	A0306E
RGB	160, 48, 110
RGB Percent	63%, 19%, 43%
CMY	0.3725, 0.8118, 0.5686
CMYK	0.00, 0.70, 0.31, 0.37
HSL	327°, 54%, 41%
HSV	327°, 70%, 63%
XYZ	18.3686, 10.7133, 15.8516
YIQ	88.5560, 46.8500, 43.0260

Conversions

Conversions Part 2

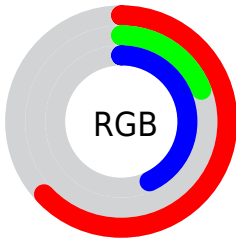
Format	Color
R_{YB}	160, 48, 110
Decimal	10498158
CIE Lab	39.09, 51.61, -10.22
CIE LCh	39, 52.611, 348.794
Yxy	10.7133, 0.4088, 0.2384
Android (android.graphics.Color)	4288688238 (0xFFA0306E)
YUV	88.5560, 10.5719, 62.6564
Hunter-Lab	32.7311, 42.8942, -5.8022

Details

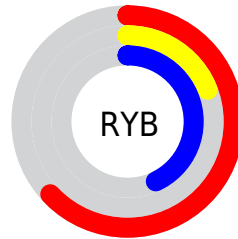
The Hex color **A0306E** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **30A062**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **DA67A2**, and **68003E** is the 20% darker color. If you saturate the color by 10%, you get **A02067**, and if you desaturate by 10%, it is **A04075**.

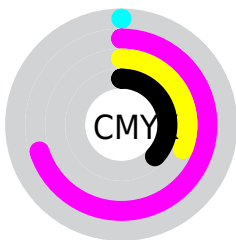
Distribution



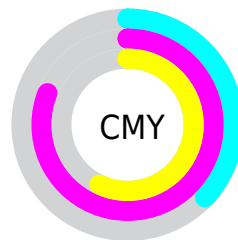
- Red (63%)
- Green (19%)
- Blue (43%)



- Red (63%)
- Yellow (19%)
- Blue (43%)



- Cyan (0%)
- Magenta (70%)
- Yellow (31%)
- Black (37%)



- Cyan (37%)
- Magenta (81%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color A0306E 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 A0306E by changing the saturation by 10% instead.

 A0306E

 A0306E

FFFFFF

 840E56

 DA67A2

 68003E

 F882BD

 4D0028

 FF9DD8

 350014

 FFB9F5

 0C0000

 FFD6FF

 000000

 FFF3FF

 A0306E

 A0306E

 A02067

 A04075

 A01060

 A0507C

 A00059

 A06083

 A0708B

 A08092

 A09099

 A0A0A0

 A0B0A7

 A0C0AE

Harmonies

Analogous

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



7F4395



A0306E



A72F43

Triad

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



A0306E



566200



006D9C

Complementary

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



A0306E



30A062

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.



006F76



A0306E



1C6A1E

Square

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



A0306E



7D5400



006E4A



0066B0

Rectangle

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



A0306E



A03B28



006E4A



006E91

Sweetspot

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



A0306E



D1A5BD



6130A0



694E5D



E8E8E8



696969

Same Dimension

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



A0306E



D12183



A03037



4F474C



8F004F



0F0008

Inverse Universe

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



A0306E



D12183



30A099



4F474C



8F004F



0F0008

Previews

White Background



This preview shows how the Hex color A0306E looks on a white background.

Color Contrast Check

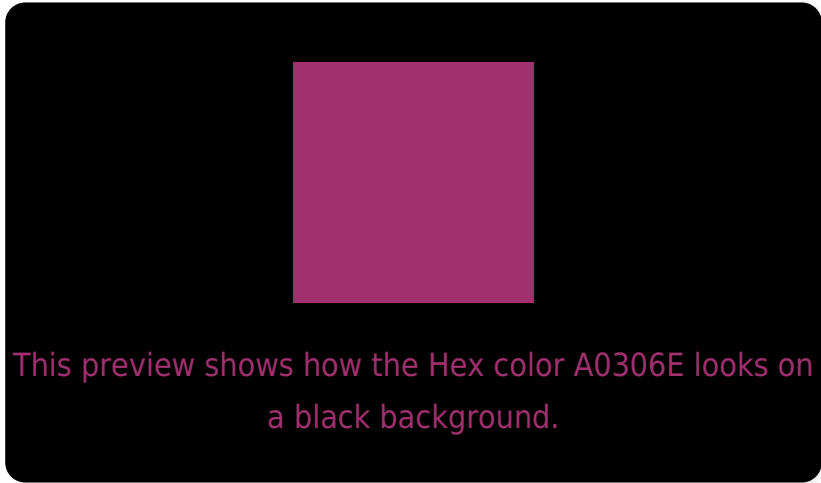
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A0306E Background



This preview shows how black text looks on a background with the Hex color A0306E.



This preview shows how white text looks on a background with the Hex color A0306E.

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





Tritanopia
9C3C40

Trichromacy



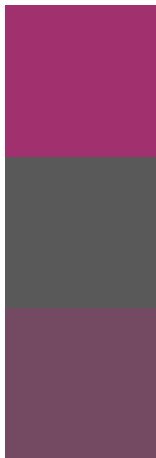
Original Color
A0306E

Protanomaly
6B4B82

Deuteranomaly
784B6A

Tritanomaly
9D3851

Monochromacy



Original Color
A0306E

Achromatopsia
595959

Achromatomaly
734A61

CSS Examples

Text

The CSS property to change the color of the text to Hex A0306E 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 #A0306E looks like.

```
.text, #text, p{  
    color:#A0306E  
}
```

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 #A0306E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0306E
}
```

Border

The CSS property to change the border of an element to Hex A0306E is called "border". The border property can be set on classes, ids or directly on the HTML element.

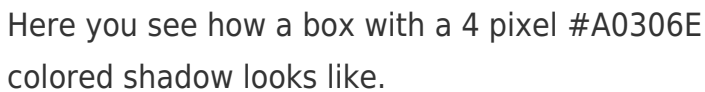
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0306E }
```

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

```
.border{ border-color:#A0306E }
```

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



Here you see how a box with a 4 pixel `#A0306E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0306E; -webkit-box-shadow:4px 4px  
4px 4px #A0306E; box-shadow:4px 4px 4px  
4px #A0306E }
```

Background

The CSS property to change the background color of an element to Hex A0306E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0306E }
```

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

```
.background{ background-color:#A0306E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor