

# Converting Colors

Hex(A03156)

Have a look what the booklet for  
Hex(A03156) contains.

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# Color

**Hex(A03156)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A03156
RGB	160, 49, 86
RGB Percent	63%, 19%, 34%
CMY	0.3725, 0.8078, 0.6627
CMYK	0.00, 0.69, 0.46, 0.37
HSL	340°, 53%, 41%
HSV	340°, 69%, 63%
XYZ	17.2752, 10.3421, 9.8898
YIQ	86.4070, 54.2790, 35.0390

# Conversions

## Conversions Part 2

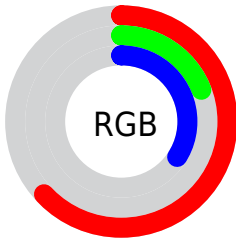
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 49, 86
Decimal	10498390
CIE Lab	38.45, 48.53, 3.98
CIE LCh	38, 48.691, 4.684
Yxy	10.3421, 0.4606, 0.2757
Android (android.graphics.Color)	4288688470 (0xFFA03156)
YUV	86.4070, -0.2007, 64.5411
Hunter-Lab	32.1591, 39.6081, 4.2781

# Details

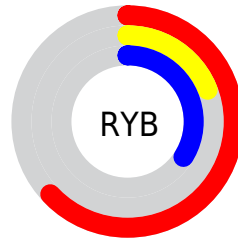
The Hex color **A03156** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **31A07B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **DB6788**, and **670029** is the 20% darker color. If you saturate the color by 10%, you get **A0214B**, and if you desaturate by 10%, it is **A04161**.

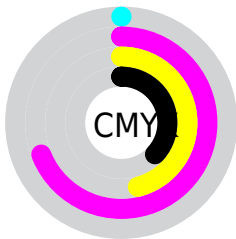
# Distribution



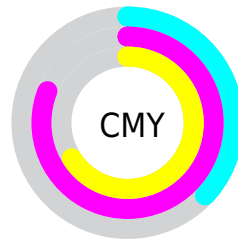
- Red (63%)
- Green (19%)
- Blue (34%)



- Red (63%)
- Yellow (19%)
- Blue (34%)



- Cyan (0%)
- Magenta (69%)
- Yellow (46%)
- Black (37%)



- Cyan (37%)
- Magenta (81%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A03156 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 A03156 by changing the saturation by 10% instead.



 A03156

 A03156

FFFFFF

 83113F

 DB6788

 670029

 F982A2

 4C0015

 FF9DBD

 330002

 FFB9D8

 000000

 FFD6F5

 FFF3FF

 A03156

 A03156

 A0214B

 A04161

 A01141

 A0516B

 A00136

 A06176

 A00035

 A07181

 A0818B

 A09196

 A0A1A1

 A0B1AB

 A0C1B6

# Harmonies

## Analogous

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



8E3A7D



A03156



9C3A30

# Triad

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



A03156



3F6510



0067A2

# Complementary

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



A03156



31A07B

# 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.



006C87



A03156



006A37

# Square

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



A03156



685B00



006D60



005DAA

# Rectangle

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



A03156



904619



006D60



00699B



# Sweetspot

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



A03156



D1A5B4



7B31A0



694E57



E8E8E8



696969



# Same Dimension

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



A03156



D1245D



A04431



4F474A



8F0030



0F0005



# Inverse Universe

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



A03156



D1245D



318DA0



4F474A



8F0030

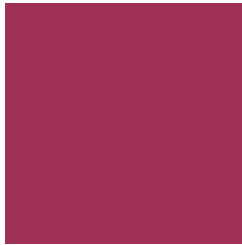


0F0005



# Previews

## White Background



This preview shows how the Hex color A03156 looks on a white background.

## Color Contrast Check

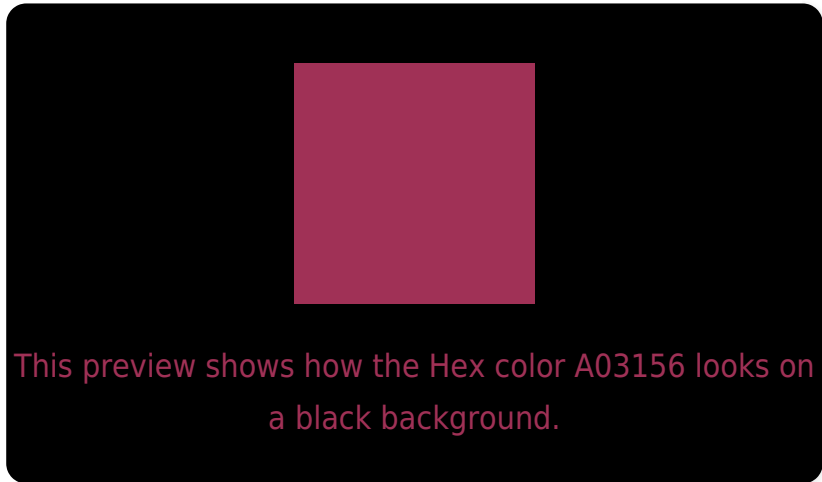
Large Text (above 18pt) WCAG AA ✓ Pass

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 A03156 Background



This preview shows how black text looks on a background with the Hex color A03156.

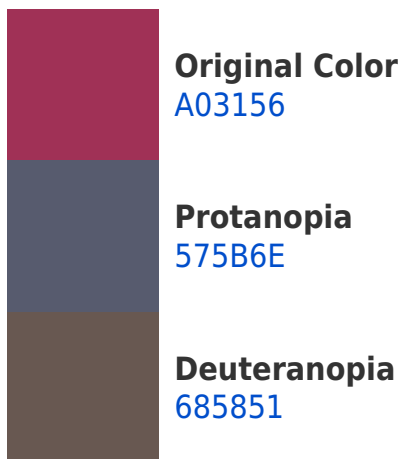



This preview shows how white text looks on a background with the Hex color A03156.

# 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**  
9E373A

# Trichromacy



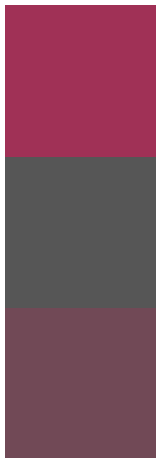
**Original Color**  
A03156

**Protanomaly**  
724C65

**Deuteranomaly**  
7C4A53

**Tritanomaly**  
9F3544

# Monochromacy



**Original Color**  
A03156

**Achromatopsia**  
565656

**Achromatomaly**  
714956

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A03156 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 #A03156 looks like.

```
.text, #text, p{  
    color:#A03156  
}
```

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 #A03156 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A03156
}
```

## Border

The CSS property to change the border of an element to Hex A03156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

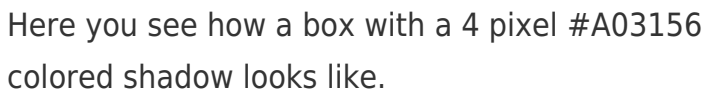
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A03156 }
```

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

```
.border{ border-color:#A03156 }
```

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



Here you see how a box with a 4 pixel `#A03156` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A03156; -webkit-box-shadow:4px 4px  
4px 4px #A03156; box-shadow:4px 4px 4px  
4px #A03156 }
```

# Background

The CSS property to change the background color of an element to Hex A03156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A03156 }
```

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

```
.background{ background-color:#A03156 }
```

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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