

# Converting Colors

Hex(A0398E)

Have a look what the booklet for  
Hex(A0398E) contains.

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# Color

**Hex(A0398E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0398E
RGB	160, 57, 142
RGB Percent	63%, 22%, 56%
CMY	0.3725, 0.7765, 0.4431
CMYK	0.00, 0.64, 0.11, 0.37
HSL	310°, 47%, 43%
HSV	310°, 64%, 63%
XYZ	20.8428, 12.3528, 26.8770
YIQ	97.4870, 34.1030, 48.2710

# Conversions

## Conversions Part 2

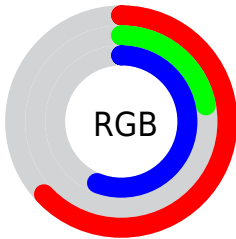
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 57, 142
Decimal	10500494
CIE <sub>Lab</sub>	41.77, 52.50, -25.85
CIE <sub>LCh</sub>	42, 58.521, 333.782
Yxy	12.3528, 0.3470, 0.2056
Android (android.graphics.Color)	4288690574 (0xFFA0398E)
YUV	97.4870, 21.9449, 54.8239
Hunter-Lab	35.1466, 44.3485, -20.7371

# Details

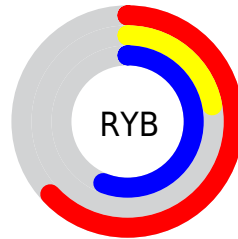
The Hex color **A0398E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **39A04B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **D96FC4**, and **69005B** is the 20% darker color. If you saturate the color by 10%, you get **A0298B**, and if you desaturate by 10%, it is **A04991**.

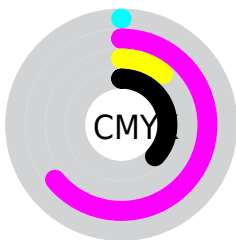
# Distribution



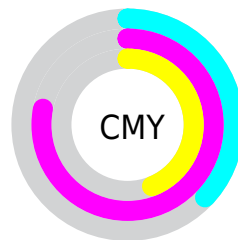
- Red (63%)
- Green (22%)
- Blue (56%)



- Red (63%)
- Yellow (22%)
- Blue (56%)



- Cyan (0%)
- Magenta (64%)
- Yellow (11%)
- Black (37%)



- Cyan (37%)
- Magenta (78%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0398E 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 A0398E by changing the saturation by 10% instead.



 A0398E

 A0398E

FFFFFF

 841B74

 D96FC4

 69005B

 F78AE0

 4F0044

 FFA6FD

 37002D

 FFC2FF

 180018

 FFDFFF

 000000

 FFFCFF

 A0398E

 A0398E

 A0298B

 A04991

 A01988

 A05994

 A00986

 A06996

 A00084

 A07999

 A0899C

 A0999F

 A0A9A2

 A0B9A4

 A0C9A7

# Harmonies

## Analogous

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



6853B3



A0398E



B6295F

# Triad

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



A0398E



726300



007797

# Complementary

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



A0398E



39A04B

# 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.



007868



A0398E



406F00

# Square

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



A0398E



985000



007535



0072B9

# Rectangle

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



A0398E



B5303F



007535



007888



# Sweetspot

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



A0398E



D1A9CA



4A39A0



695164



E8E8E8



696969



# Same Dimension

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



A0398E



D130B5



A0395B



4F474E



8F0076



0F000D



# Inverse Universe

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



A0398E



D130B5



39A07E



4F474E



8F0076



0F000D



# Previews

## White Background



This preview shows how the Hex color A0398E looks on a white background.

## Color Contrast Check

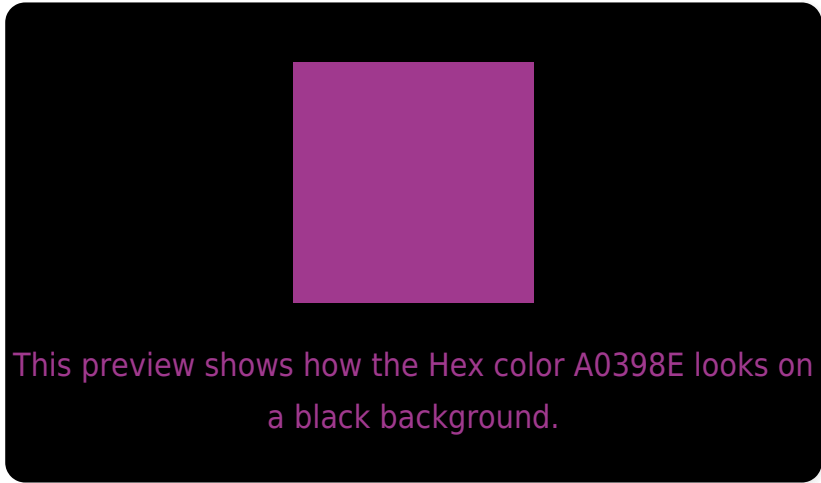
Large Text (above 18pt) WCAG AA ✓ Pass

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

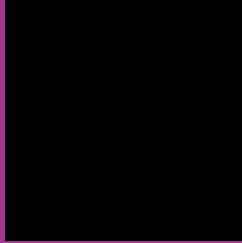
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A0398E Background



This preview shows how black text looks on a background with the Hex color A0398E.

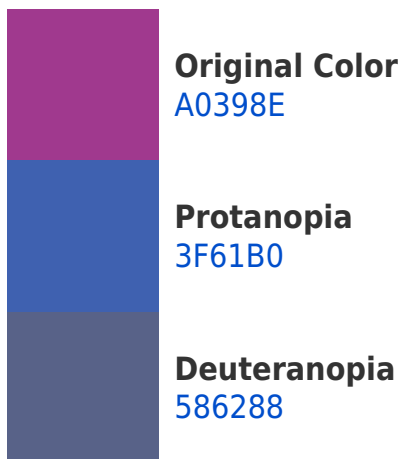



This preview shows how white text looks on a background with the Hex color A0398E.

# 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](#).

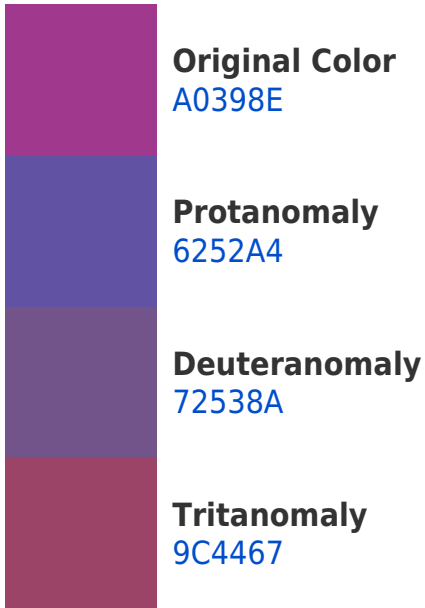
## Dichromacy



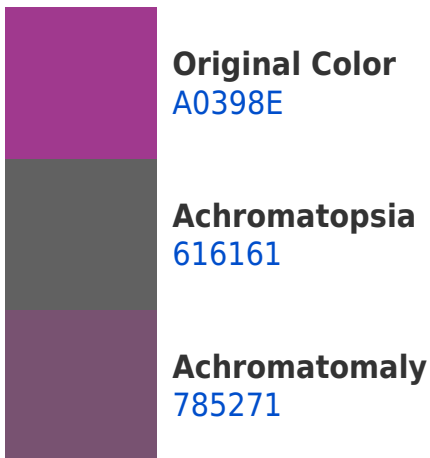


**Tritanopia**  
9A4A50

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0398E 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 #A0398E looks like.

```
.text, #text, p{  
    color:#A0398E  
}
```

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 #A0398E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0398E
}
```

## Border

The CSS property to change the border of an element to Hex A0398E is called "border". The border property can be set on classes, ids or directly on the HTML element.

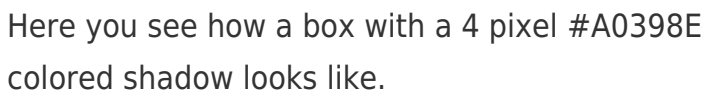
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0398E }
```

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

```
.border{ border-color:#A0398E }
```

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



Here you see how a box with a 4 pixel #A0398E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0398E; -webkit-box-shadow:4px 4px  
4px 4px #A0398E; box-shadow:4px 4px 4px  
4px #A0398E }
```

# Background

The CSS property to change the background color of an element to Hex A0398E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0398E }
```

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

```
.background{ background-color:#A0398E }
```

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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