

# Converting Colors

Hex(A0638F)

Have a look what the booklet for  
Hex(A0638F) contains.

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# Color

**Hex(A0638F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A0638F
RGB	160, 99, 143
RGB Percent	63%, 39%, 56%
CMY	0.3725, 0.6118, 0.4392
CMYK	0.00, 0.38, 0.11, 0.37
HSL	317°, 24%, 51%
HSV	317°, 38%, 63%
XYZ	23.9170, 18.3804, 28.2738
YIQ	122.2550, 22.2320, 26.6160

# Conversions

## Conversions Part 2

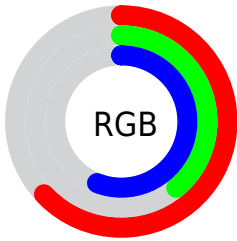
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 99, 143
Decimal	10511247
CIE <sub>Lab</sub>	49.95, 31.38, -13.88
CIE <sub>LCh</sub>	50, 34.312, 336.135
Yxy	18.3804, 0.3389, 0.2605
Android (android.graphics.Color)	4288701327 (0xFFA0638F)
YUV	122.2550, 10.2273, 33.1024
Hunter-Lab	42.8724, 24.5520, -9.0903

# Details

The Hex color **A0638F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63A074**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **D897C5**, and **6B325D** is the 20% darker color. If you saturate the color by 10%, you get **A0538B**, and if you desaturate by 10%, it is **A07393**.

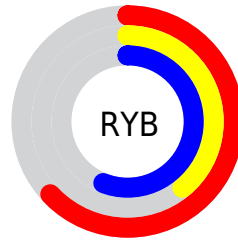
# Distribution



Red (63%)

Green (39%)

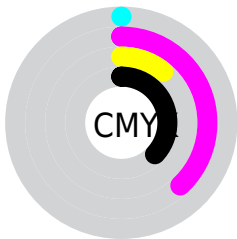
Blue (56%)



Red (63%)

Yellow (39%)

Blue (56%)

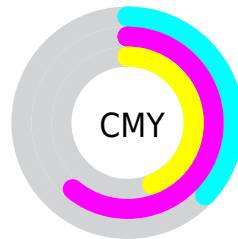


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (37%)



Cyan (37%)

Magenta (61%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0638F 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 A0638F by changing the saturation by 10% instead.





A0638F



A0638F

FFFFFF



854A75



D897C5



6B325D



F5B2E1



521B45



FFCEFD



39022F



FFEAFF



27001A



000000



A0638F



A0638F



A0538B



A07393



A04386



A08398

 A03382

 A0939C

 A0237D

 A0A3A1

 A01379

 A0B3A5

 A00374

 A0C3AA

 A00073

 A0D3AE

 A0E3B3

 A0F3B7

# Harmonies

## Analogous

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



816DA6



A0638F



AE5F72

# Triad

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



A0638F



83773B



008598

# Complementary

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



A0638F



63A074

# 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.



00867C



A0638F



647F46

# Square

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



A0638F



9C6D42



3E845E



0080AC

# Rectangle

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



A0638F



AE615F



3E845E



008690



# Sweetspot

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



A0638F



D1BACB



7363A0



695B65



E8E8E8



696969



# Same Dimension

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



A0638F



D171B6



A06371



4F474D



8F0067



0F000B



# Inverse Universe

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



A0638F



D171B6



63A092



4F474D



8F0067

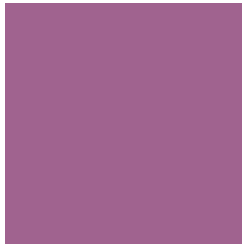


0F000B



# Previews

## White Background



This preview shows how the Hex color A0638F looks on a white background.

## Color Contrast Check

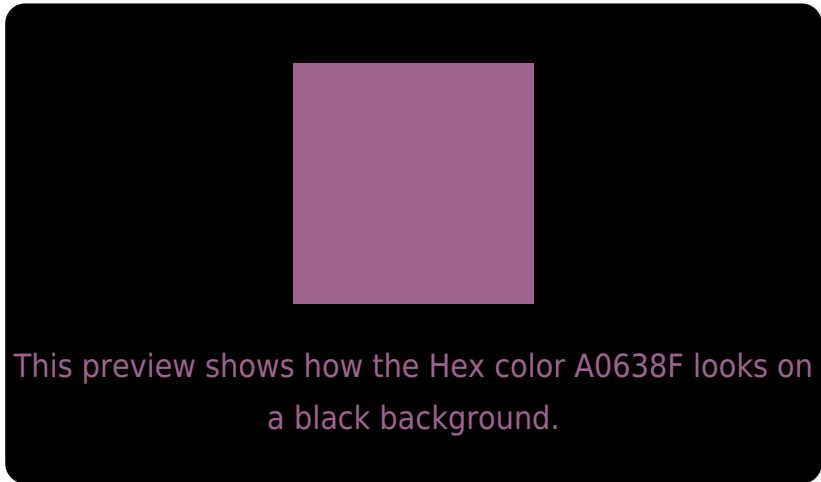
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

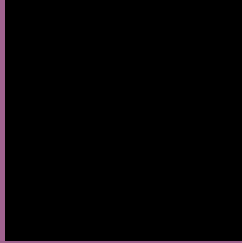
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A0638F Background



This preview shows how black text looks on a background with the Hex color A0638F.

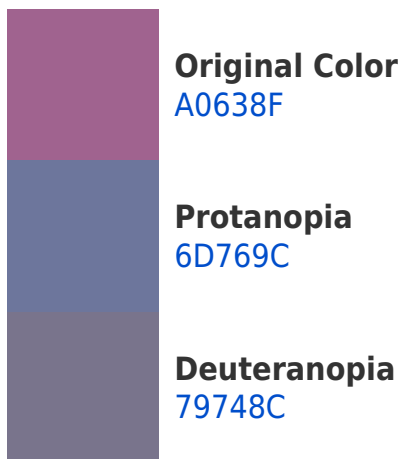



This preview shows how white text looks on a background with the Hex color A0638F.

# 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](#).

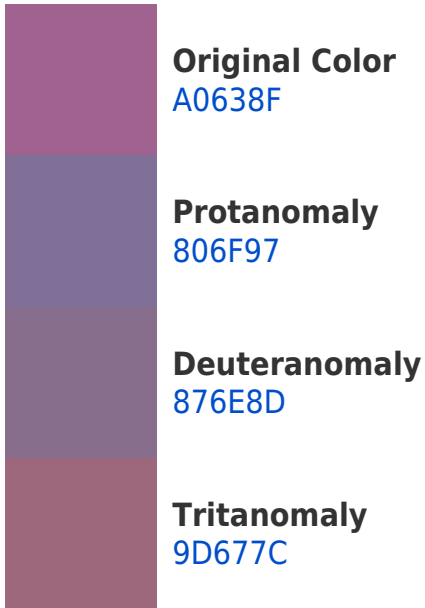
## Dichromacy



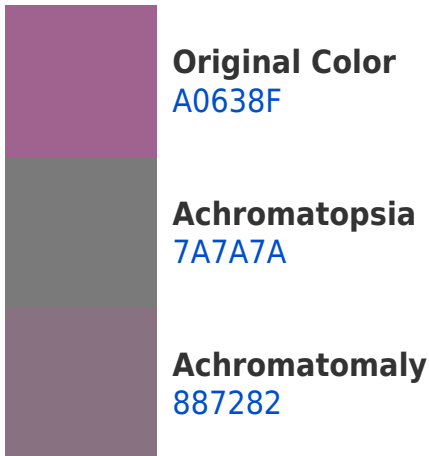


**Tritanopia**  
9C6971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0638F 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 #A0638F looks like.

```
.text, #text, p{  
    color:#A0638F  
}
```

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 #A0638F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0638F
}
```

## Border

The CSS property to change the border of an element to Hex A0638F is called "border". The border property can be set on classes, ids or directly on the HTML element.

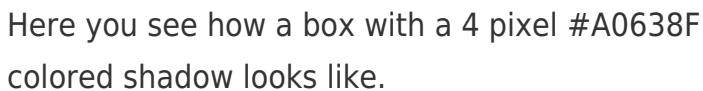
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A0638F }
```

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

```
.border{ border-color:#A0638F }
```

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



Here you see how a box with a 4 pixel #A0638F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0638F; -webkit-box-shadow:4px 4px  
4px 4px #A0638F; box-shadow:4px 4px 4px  
4px #A0638F }
```

# Background

The CSS property to change the background color of an element to Hex A0638F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0638F }
```

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

```
.background{ background-color:#A0638F }
```

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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