

# Converting Colors

Hex(A6539A)

Have a look what the booklet for  
Hex(A6539A) contains.

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# Color

**Hex(A6539A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6539A
RGB	166, 83, 154
RGB Percent	65%, 33%, 60%
CMY	0.3490, 0.6745, 0.3961
CMYK	0.00, 0.50, 0.07, 0.35
HSL	309°, 33%, 49%
HSV	309°, 50%, 65%
XYZ	24.6519, 16.6266, 32.4818
YIQ	115.9110, 26.6770, 39.6770

# Conversions

## Conversions Part 2

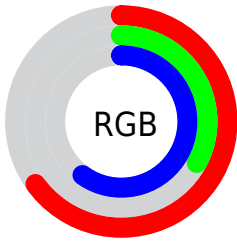
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">166, 83, 154</a>
Decimal	<a href="#">10900378</a>
CIELab	<a href="#">47.79, 43.93, -23.66</a>
CIELCh	<a href="#">48, 49.892, 331.691</a>
Yxy	<a href="#">16.6266, 0.3342, 0.2254</a>
Android (android.graphics.Color)	<a href="#">4289090458</a> ( <a href="#">0xFFA6539A</a> )
YUV	<a href="#">115.9110, 18.7779, 43.9281</a>
Hunter-Lab	<a href="#">40.7757, 36.5586, -18.6872</a>

# Details

The Hex color **A6539A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **53A65F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **DF87D1**, and **701F67** is the 20% darker color. If you saturate the color by 10%, you get **A64298**, and if you desaturate by 10%, it is **A6649C**.

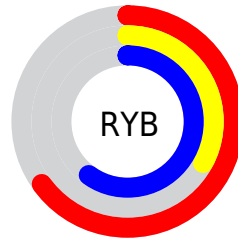
# Distribution



Red (65%)

Green (33%)

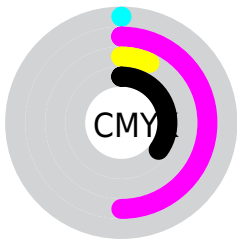
Blue (60%)



Red (65%)

Yellow (33%)

Blue (60%)

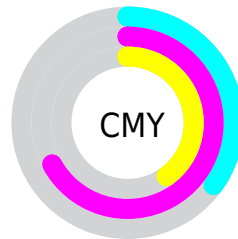


Cyan (0%)

Magenta (50%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (67%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6539A 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 A6539A by changing the saturation by 10% instead.



 A6539A

 A6539A

FFFFFF

 8B3980

 DF87D1

 701F67

 FCA3ED

 56004E

 FFBEFF

 3C0037

 FFDBFF

 270022

 FFF8FF

 000006

 000000

 A6539A

 A6539A

 A64298

 A6649C

 A63295

 A6749F

 A62193

 A685A1

 A61190

 A695A4

 A6008E

 A6A6A6

 A6B7A8

 A6C7AB

 A6D8AD

 A6E8B0

# Harmonies

## Analogous

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



7565B9



A6539A



BC4971

# Triad

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



A6539A



857012



00859C

# Complementary

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



A6539A



53A65F

# 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.



008573



A6539A



5A7C23

# Square

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



A6539A



A66025



0E8247



0080BB

# Rectangle

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



A6539A



BD4C55



0E8247



00858F



# Sweetspot

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



A6539A



D9B8D4



5E53A6



6E5A6B



EDEDED



6E6E6E



# Same Dimension

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



A6539A



D957C6



A65371



544C53



94007F



140011



# Inverse Universe

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



A6539A



D957C6



53A688



544C53



94007F

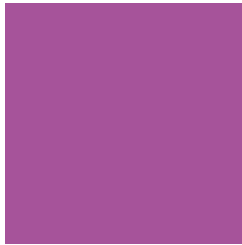


140011



# Previews

## White Background



This preview shows how the Hex color A6539A looks on a white background.

## Color Contrast Check

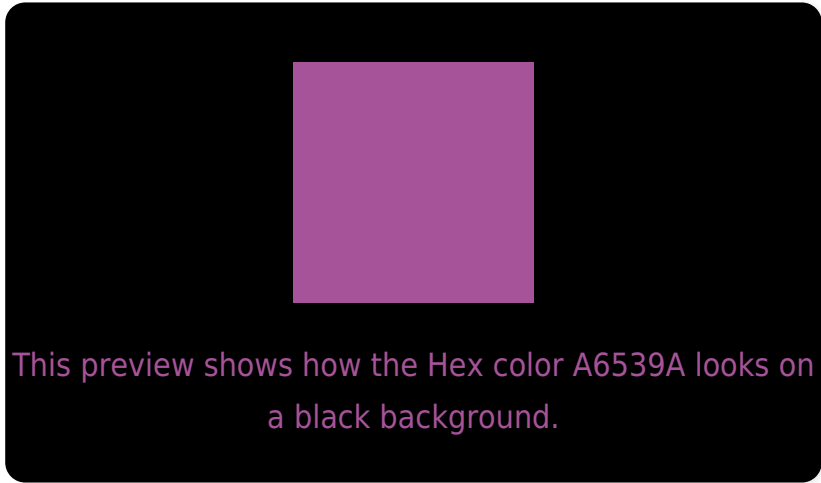
Large Text (above 18pt) WCAG AA ✓ Pass

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

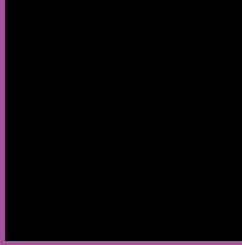
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A6539A Background



This preview shows how black text looks on a background with the Hex color A6539A.

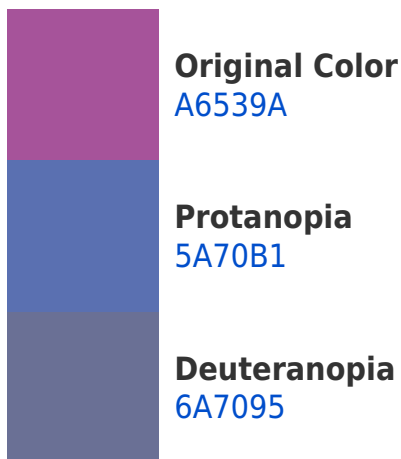


This preview shows how white text looks on a background with the Hex color A6539A.

# 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**  
A05F66

# Trichromacy



**Original Color**  
A6539A

**Protanomaly**  
7665A9

**Deuteranomaly**  
806597

**Tritanomaly**  
A25B79

# Monochromacy



**Original Color**  
A6539A

**Achromatopsia**  
747474

**Achromatomaly**  
866882

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6539A 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 #A6539A looks like.

```
.text, #text, p{  
    color:#A6539A  
}
```

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 #A6539A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6539A
}
```

## Border

The CSS property to change the border of an element to Hex A6539A is called "border". The border property can be set on classes, ids or directly on the HTML element.

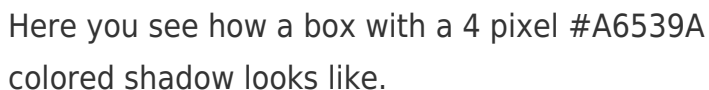
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6539A }
```

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

```
.border{ border-color:#A6539A }
```

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



Here you see how a box with a 4 pixel #A6539A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6539A; -webkit-box-shadow:4px 4px  
4px 4px #A6539A; box-shadow:4px 4px 4px  
4px #A6539A }
```

# Background

The CSS property to change the background color of an element to Hex A6539A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6539A }
```

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

```
.background{ background-color:#A6539A }
```

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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