

# Converting Colors

Hex(A63AB9)

Have a look what the booklet for  
Hex(A63AB9) contains.

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# Color

**Hex(A63AB9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A63AB9
RGB	166, 58, 185
RGB Percent	65%, 23%, 73%
CMY	0.3490, 0.7725, 0.2745
CMYK	0.10, 0.69, 0.00, 0.27
HSL	291°, 52%, 48%
HSV	291°, 69%, 73%
XYZ	25.9959, 14.6359, 47.3538
YIQ	104.7700, 23.6010, 62.3930

# Conversions

## Conversions Part 2

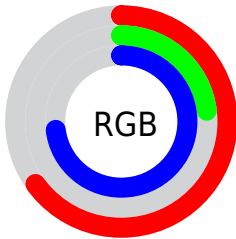
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 58, 185
Decimal	10894009
CIE <sub>Lab</sub>	45.13, 61.06, -46.13
CIE <sub>LCh</sub>	45, 76.527, 322.930
Yxy	14.6359, 0.2955, 0.1663
Android (android.graphics.Color)	4289084089 (0xFFA63AB9)
YUV	104.7700, 39.5534, 53.6987
Hunter-Lab	38.2569, 54.3428, -46.6085

# Details

The Hex color **A63AB9** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4DB93A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **E072F2**, and **6E0083** is the 20% darker color. If you saturate the color by 10%, you get **A328B9**, and if you desaturate by 10%, it is **A94DB9**.

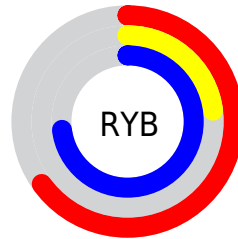
# Distribution



Red (65%)

Green (23%)

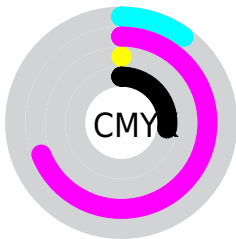
Blue (73%)



Red (65%)

Yellow (23%)

Blue (73%)

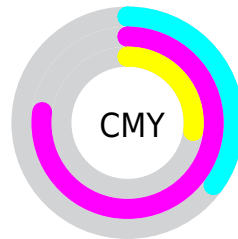


Cyan (10%)

Magenta (69%)

Yellow (0%)

Black (27%)



Cyan (35%)

Magenta (77%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63AB9 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 A63AB9 by changing the saturation by 10% instead.



 A63AB9

 A63AB9

FFFFFF

 8A1A9E

 E072F2

 6E0083

 FE8DFF

 530069

 FFA9FF

 380051

 FFC6FF

 1E0039

 FFE3FF

 000222

 000008

 000000

 A63AB9

 A63AB9

 A328B9

 A94DB9

 A015B9

 AC5FB9

 9E03B9

 AE72B9

 9D00B9

 B184B9

 B497B9

 B7A9B9

 B9BCB9

 BCCEB9

 BFE1B9

# Harmonies

## Analogous

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



2E61E2



A63AB9



D1007D

# Triad

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



A63AB9



8F6300



00859B

# Complementary

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



A63AB9



4DB93A

# 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.



008459



A63AB9



537600

# Square

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



A63AB9



BC4300



00800C



0082D1

# Rectangle

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



A63AB9



D70053



00800C



008586



# Sweetspot

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



A63AB9



E8BDF0



3A4DB9



735A78



F7F7F7



787878



# Same Dimension

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



A63AB9



D22BF0



B93A8D



5A535C



84009C



18001C



# Inverse Universe

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



B93A4D



F02B49



3AB966



5C5354



9C0017



1C0004



# Previews

## White Background



This preview shows how the Hex color A63AB9 looks on a white background.

## Color Contrast Check

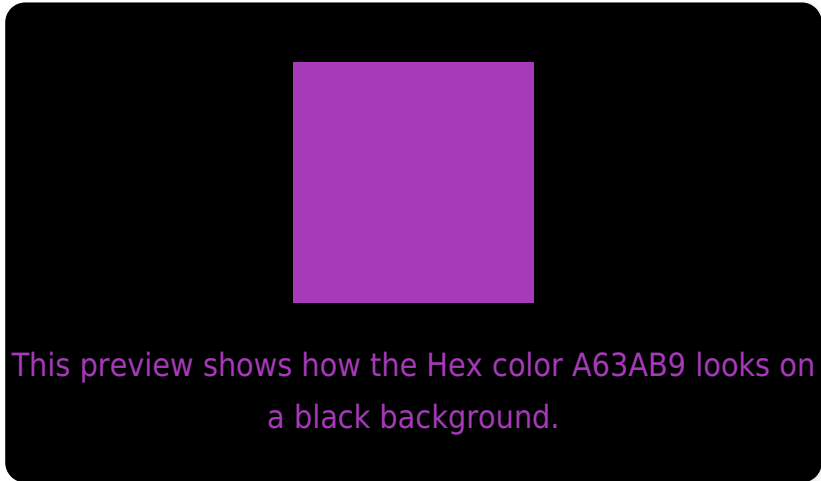
Large Text (above 18pt) WCAG AA ✓ Pass

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

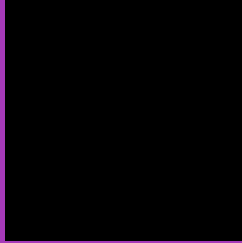
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A63AB9 Background



This preview shows how black text looks on a background with the Hex color A63AB9.



This preview shows how white text looks on a background with the Hex color A63AB9.

# 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](#).

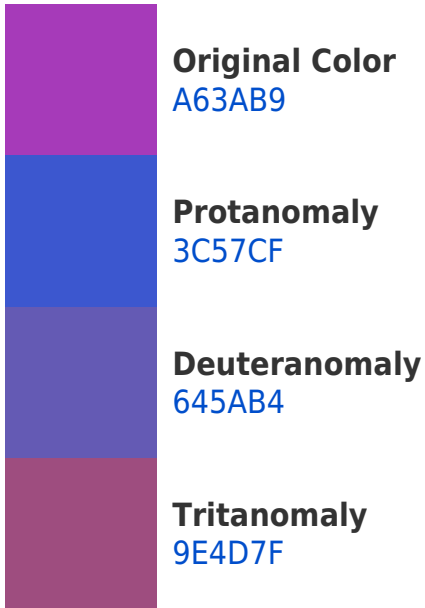
## Dichromacy



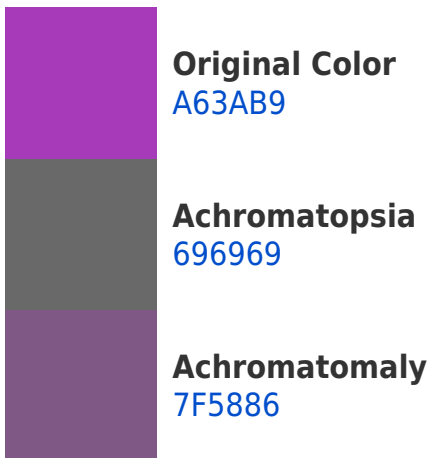


**Tritanopia**  
9A585E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63AB9 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 #A63AB9 looks like.

```
.text, #text, p{  
    color:#A63AB9  
}
```

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 #A63AB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63AB9
}
```

## Border

The CSS property to change the border of an element to Hex A63AB9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

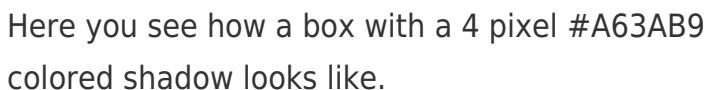
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A63AB9 }
```

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

```
.border{ border-color:#A63AB9 }
```

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



Here you see how a box with a 4 pixel #A63AB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63AB9; -webkit-box-shadow:4px 4px  
4px 4px #A63AB9; box-shadow:4px 4px 4px  
4px #A63AB9 }
```

# Background

The CSS property to change the background color of an element to Hex A63AB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63AB9 }
```

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

```
.background{ background-color:#A63AB9 }
```

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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