

# Converting Colors

Hex(A63A7B)

Have a look what the booklet for  
Hex(A63A7B) contains.

<b>Hex(A63A7B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A63A7B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A63A7B
RGB	166, 58, 123
RGB Percent	65%, 23%, 48%
CMY	0.3490, 0.7725, 0.5176
CMYK	0.00, 0.65, 0.26, 0.35
HSL	324°, 48%, 44%
HSV	324°, 65%, 65%
XYZ	20.8141, 12.5632, 20.0668
YIQ	97.7020, 43.5030, 43.1110

# Conversions

## Conversions Part 2

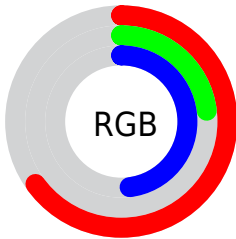
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 58, 123
Decimal	10893947
CIE <sub>Lab</sub>	42.10, 50.96, -13.65
CIE <sub>LCh</sub>	42, 52.752, 345.006
Yxy	12.5632, 0.3895, 0.2351
Android (android.graphics.Color)	4289084027 (0xFFA63A7B)
YUV	97.7020, 12.4719, 59.8973
Hunter-Lab	35.4446, 42.7925, -8.7556

# Details

The Hex color **A63A7B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3AA665**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **E070B0**, and **6E004A** is the 20% darker color. If you saturate the color by 10%, you get **A62974**, and if you desaturate by 10%, it is **A64B82**.

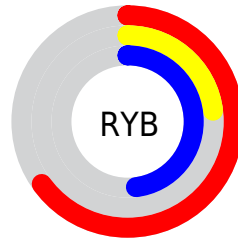
# Distribution



Red (65%)

Green (23%)

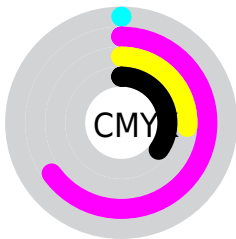
Blue (48%)



Red (65%)

Yellow (23%)

Blue (48%)

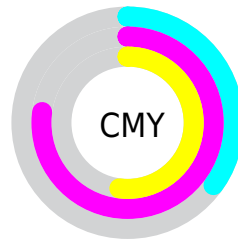


Cyan (0%)

Magenta (65%)

Yellow (26%)

Black (35%)



Cyan (35%)

Magenta (77%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63A7B 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 A63A7B by changing the saturation by 10% instead.



 A63A7B

 A63A7B

FFFFFF

 8A1C62

 E070B0

 6E004A

 FE8BCB

 530033

 FFA7E7

 3B001F

 FFC3FF

 1F0001

 FFE0FF

 000000

 FFFDFD

 A63A7B

 A63A7B

 A62974

 A64B82

 A6196E

 A65B88

 A60867

 A66C8F

 A60064

 A67C95

 A68D9C

 A69EA3

 A6AEA9

 A6BFB0

 A6CFB6

# Harmonies

## Analogous

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



804DA1



A63A7B



B1374F

# Triad

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



A63A7B



636800



0075A0

# Complementary

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



A63A7B



3AA665

# 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.



007779



A63A7B



2F7120

# Square

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



A63A7B



8A5900



00764B



006EB8

# Rectangle

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



A63A7B



AB4034



00764B



007694



# Sweetspot

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



A63A7B



D9ADC7



633AA6



6E5363



EDEDED



6E6E6E



# Same Dimension

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



A63A7B



D93095



A63A47



544C51



940059



14000C



# Inverse Universe

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



A63A7B



D93095



3AA699



544C51



940059



14000C



# Previews

## White Background



This preview shows how the Hex color A63A7B looks on a white background.

## Color Contrast Check

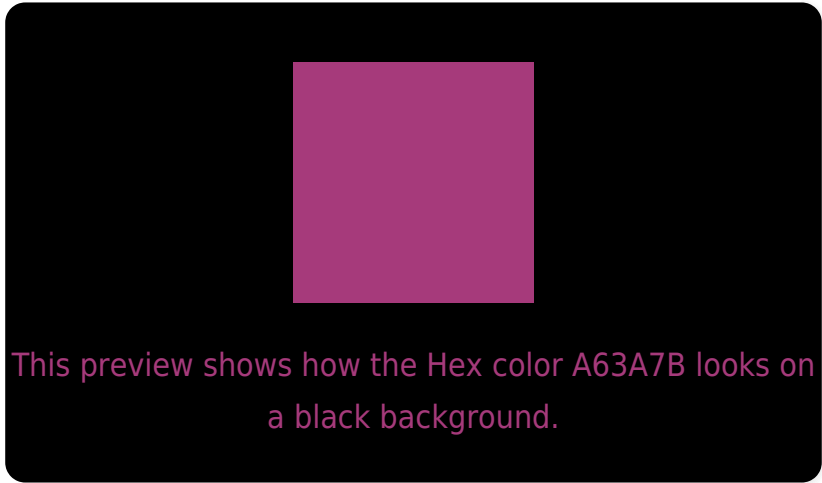
Large Text (above 18pt) WCAG AA ✓ Pass

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

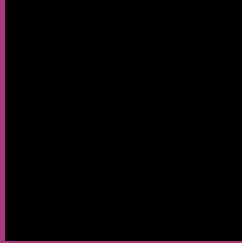
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A63A7B Background



This preview shows how black text looks on a background with the Hex color A63A7B.

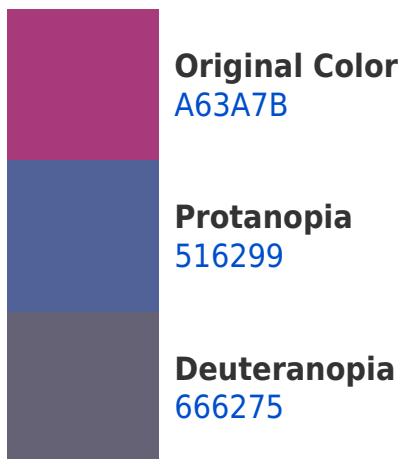


This preview shows how white text looks on a background with the Hex color A63A7B.

# 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**  
A2464B

# Trichromacy



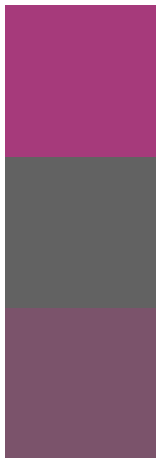
**Original Color**  
A63A7B

**Protanomaly**  
70538E

**Deuteranomaly**  
7D5377

**Tritanomaly**  
A3425C

# Monochromacy



**Original Color**  
A63A7B

**Achromatopsia**  
626262

**Achromatomaly**  
7B536B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63A7B 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 #A63A7B looks like.

```
.text, #text, p{  
    color:#A63A7B  
}
```

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 #A63A7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63A7B
}
```

## Border

The CSS property to change the border of an element to Hex A63A7B 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
#A63A7B }
```

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

```
.border{ border-color:#A63A7B }
```

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

Here you see how a box with a 4 pixel #A63A7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63A7B; -webkit-box-shadow:4px 4px  
4px 4px #A63A7B; box-shadow:4px 4px 4px  
4px #A63A7B }
```

# Background

The CSS property to change the background color of an element to Hex A63A7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63A7B }
```

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

```
.background{ background-color:#A63A7B }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor