

# Converting Colors

Hex(A63E94)

Have a look what the booklet for  
Hex(A63E94) contains.

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# Color

**Hex(A63E94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A63E94
RGB	166, 62, 148
RGB Percent	65%, 24%, 58%
CMY	0.3490, 0.7569, 0.4196
CMYK	0.00, 0.63, 0.11, 0.35
HSL	310°, 46%, 45%
HSV	310°, 63%, 65%
XYZ	22.7938, 13.6904, 29.4581
YIQ	102.9000, 34.3780, 48.7940

# Conversions

## Conversions Part 2

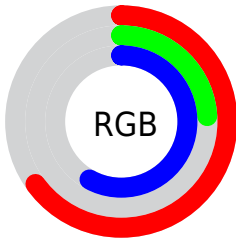
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 62, 148
Decimal	10894996
CIE <sub>Lab</sub>	43.79, 52.95, -26.27
CIE <sub>LCh</sub>	44, 59.109, 333.607
Yxy	13.6904, 0.3457, 0.2076
Android (android.graphics.Color)	4289085076 (0xFFA63E94)
YUV	102.9000, 22.2343, 55.3387
Hunter-Lab	37.0005, 45.2124, -21.3037

# Details

The Hex color **A63E94** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **3EA650**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **DF74CA**, and **6F0061** is the 20% darker color. If you saturate the color by 10%, you get **A62D91**, and if you desaturate by 10%, it is **A64F97**.

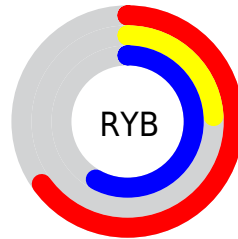
# Distribution



Red (65%)

Green (24%)

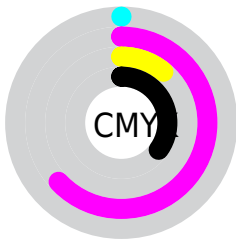
Blue (58%)



Red (65%)

Yellow (24%)

Blue (58%)

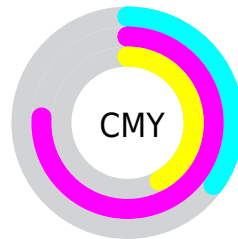


Cyan (0%)

Magenta (63%)

Yellow (11%)

Black (35%)



Cyan (35%)

Magenta (76%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63E94 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 A63E94 by changing the saturation by 10% instead.



 A63E94

 A63E94

FFFFFF

 8A217A

 DF74CA

 6F0061

 FD8FE7

 540049

 FFABFF

 3B0032

 FFC7FF

 21001C

 FFE4FF

 000000

 A63E94

 A63E94

 A62D91

 A64F97

 A61D8E

 A65F9A

 A60C8B

 A6709D

 A60089

 A6809F

 A691A2

 A6A2A5

 A6B2A8

 A6C3AB

 A6D3AE

# Harmonies

## Analogous

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



6D57BA



A63E94



BC2F64

# Triad

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



A63E94



786700



007D9D

# Complementary

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



A63E94



3EA650

# 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.



007D6C



A63E94



457400

# Square

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



A63E94



9F5400



007A39



0078BF

# Rectangle

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



A63E94



BC3543



007A39



007D8E



# Sweetspot

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



A63E94



D9B0D2



4F3EA6



6E5469



EDEDED



6E6E6E



# Same Dimension

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



A63E94



D936BD



A63E61



544C53



94007A



140011



# Inverse Universe

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



A63E94



D936BD



3EA683



544C53



94007A



140011



# Previews

## White Background



This preview shows how the Hex color A63E94 looks on a white background.

## Color Contrast Check

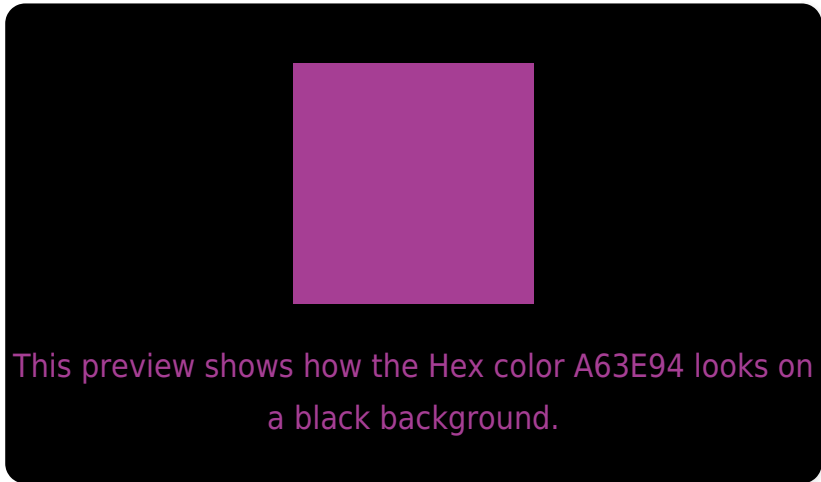
Large Text (above 18pt) WCAG AA ✓ Pass

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

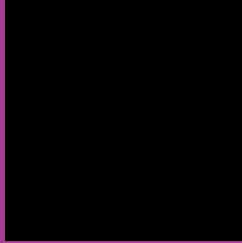
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A63E94 Background



This preview shows how black text looks on a background with the Hex color A63E94.

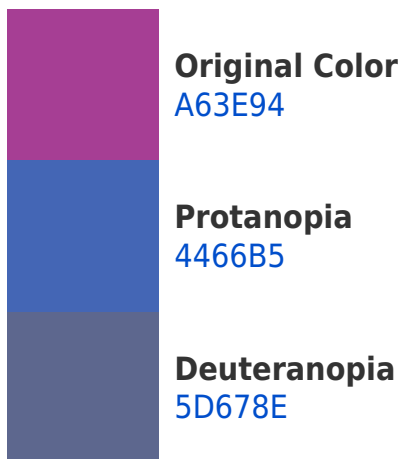


This preview shows how white text looks on a background with the Hex color A63E94.

# 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](#).

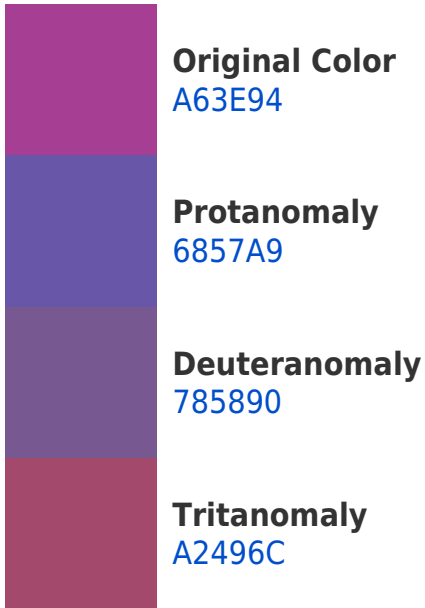
## Dichromacy



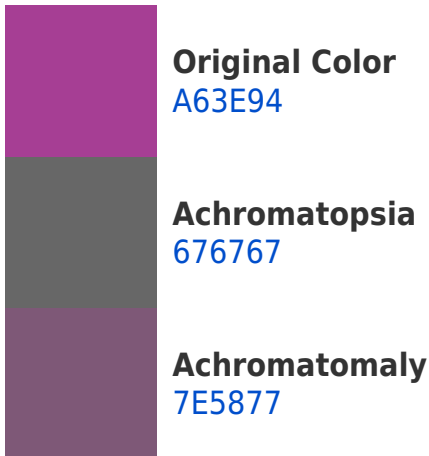


**Tritanopia**  
9F4F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63E94 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 #A63E94 looks like.

```
.text, #text, p{  
    color:#A63E94  
}
```

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 #A63E94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63E94
}
```

## Border

The CSS property to change the border of an element to Hex A63E94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

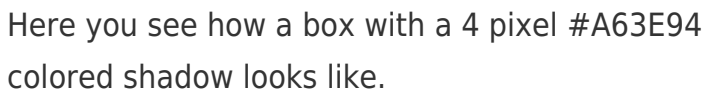
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A63E94 }
```

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

```
.border{ border-color:#A63E94 }
```

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



Here you see how a box with a 4 pixel #A63E94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63E94; -webkit-box-shadow:4px 4px  
4px 4px #A63E94; box-shadow:4px 4px 4px  
4px #A63E94 }
```

# Background

The CSS property to change the background color of an element to Hex A63E94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63E94 }
```

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

```
.background{ background-color:#A63E94 }
```

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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