

# Converting Colors

Hex(A63D79)

Have a look what the booklet for  
Hex(A63D79) contains.

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# Color

**Hex(A63D79)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A63D79                    |
| RGB           | 166, 61, 121              |
| RGB Percent   | 65%, 24%, 47%             |
| CMY           | 0.3490, 0.7608, 0.5255    |
| CMYK          | 0.00, 0.63, 0.27, 0.35    |
| HSL           | 326°, 46%, 45%            |
| HSV           | 326°, 63%, 65%            |
| XYZ           | 20.8458, 12.8250, 19.4659 |
| YIQ           | 99.2350, 43.3200, 40.9200 |

# Conversions

## Conversions Part 2

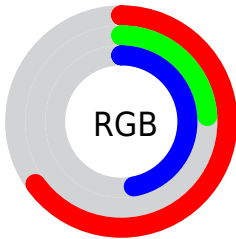
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 166, 61, 121                 |
| Decimal                             | 10894713                     |
| CIE <sub>Lab</sub>                  | 42.50, 49.38, -11.81         |
| CIE <sub>LCh</sub>                  | 42, 50.774, 346.551          |
| Yxy                                 | 12.8250, 0.3923,<br>0.2414   |
| Android<br>(android.graphics.Color) | 4289084793<br>(0xFFA63D79)   |
| YUV                                 | 99.2350, 10.7301,<br>58.5529 |
| Hunter-Lab                          | 35.8119, 41.2324,<br>-7.1593 |

# Details

The Hex color **A63D79** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3DA66A**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **E072AD**, and **6E0048** is the 20% darker color. If you saturate the color by 10%, you get **A62C72**, and if you desaturate by 10%, it is **A64E80**.

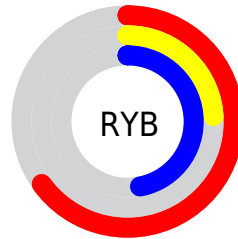
# Distribution



Red (65%)

Green (24%)

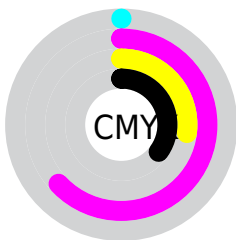
Blue (47%)



Red (65%)

Yellow (24%)

Blue (47%)

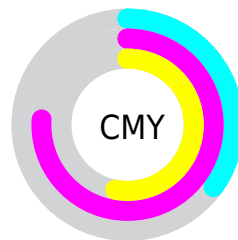


Cyan (0%)

Magenta (63%)

Yellow (27%)

Black (35%)



Cyan (35%)

Magenta (76%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A63D79 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 A63D79 by changing the saturation by 10% instead.



 A63D79

 A63D79

FFFFFF

 8A2160

 E072AD

 6E0048

 FD8EC9

 540032

 FFA9E5

 3B001D

 FFC5FF

 1F0001

 FFE2FF

 000000

 A63D79

 A63D79

 A62C72

 A64E80

 A61C6B

 A65E87

 A60B64

 A66F8E

 A6005F

 A67F95

 A6909D

 A6A1A4

 A6B1AB

 A6C2B2

 A6D2B9

# Harmonies

## Analogous

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



834E9E



A63D79



AF3B4F

# Triad

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



A63D79



636900



0076A1

# Complementary

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



A63D79



3DA66A

# 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.



00787B



A63D79



307226

# Square

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



A63D79



885C04



00774F



006FB6

# Rectangle

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



A63D79



A94435



00774F



007795



# Sweetspot

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



A63D79



D9B0C7



693DA6



6E5463



EDEDED



6E6E6E



# Same Dimension

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



A63D79



D93492



A63D46



544C51



940055



14000C



# Inverse Universe

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



A63D79



D93492



3DA69D



544C51



940055



14000C



# Previews

## White Background



This preview shows how the Hex color A63D79 looks on a white background.

## Color Contrast Check

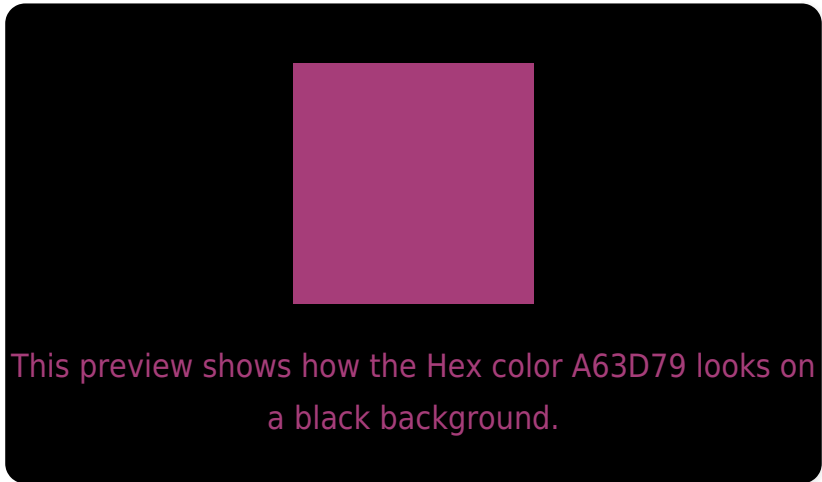
Large Text (above 18pt) WCAG AA ✓ Pass

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 A63D79 Background



This preview shows how black text looks on a background with the Hex color A63D79.




This preview shows how white text looks on a background with the Hex color A63D79.

# 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](#).

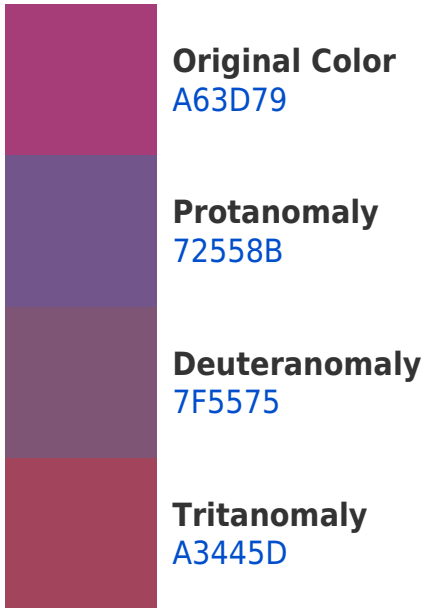
## Dichromacy



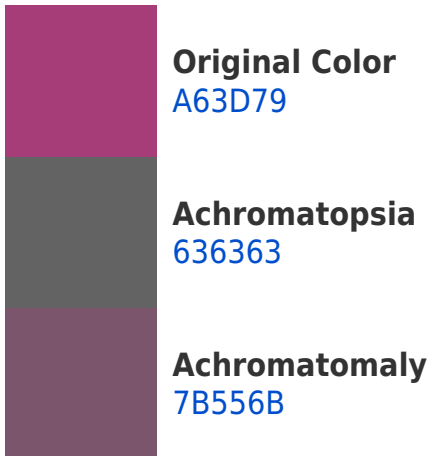


**Tritanopia**  
A2484D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A63D79 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 #A63D79 looks like.

```
.text, #text, p{  
    color:#A63D79  
}
```

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 #A63D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A63D79
}
```

## Border

The CSS property to change the border of an element to Hex A63D79 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
#A63D79 }
```

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

```
.border{ border-color:#A63D79 }
```

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

Here you see how a box with a 4 pixel #A63D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A63D79; -webkit-box-shadow:4px 4px  
4px 4px #A63D79; box-shadow:4px 4px 4px  
4px #A63D79 }
```

# Background

The CSS property to change the background color of an element to Hex A63D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A63D79 }
```

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

```
.background{ background-color:#A63D79 }
```

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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