

# Converting Colors

Hex(A3476D)

Have a look what the booklet for  
Hex(A3476D) contains.

|                                                |    |
|------------------------------------------------|----|
| <b>Hex(A3476D)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

# Color

**Hex(A3476D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A3476D                     |
| RGB           | 163, 71, 109               |
| RGB Percent   | 64%, 28%, 43%              |
| CMY           | 0.3608, 0.7216, 0.5725     |
| CMYK          | 0.00, 0.56, 0.33, 0.36     |
| HSL           | 335°, 39%, 46%             |
| HSV           | 335°, 56%, 64%             |
| XYZ           | 20.1178, 13.3971, 15.9936  |
| YIQ           | 102.8400, 42.6340, 31.3220 |

# Conversions

## Conversions Part 2

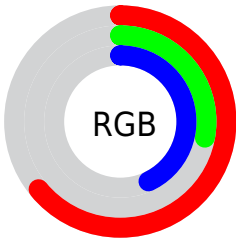
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 163, 71, 109                 |
| Decimal                             | 10700653                     |
| CIE <sub>Lab</sub>                  | 43.36, 42.13, -3.19          |
| CIE <sub>LCh</sub>                  | 43, 42.255, 355.672          |
| Yxy                                 | 13.3971, 0.4064,<br>0.2706   |
| Android<br>(android.graphics.Color) | 4288890733<br>(0xFFA3476D)   |
| YUV                                 | 102.8400, 3.0369,<br>52.7603 |
| Hunter-Lab                          | 36.6021, 34.0563,<br>-0.2858 |

# Details

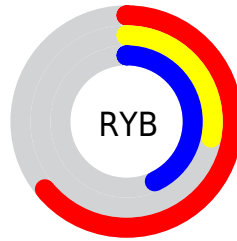
The Hex color **A3476D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47A37D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **DC7BA0**, and **6C103E** is the 20% darker color. If you saturate the color by 10%, you get **A33763**, and if you desaturate by 10%, it is **A35777**.

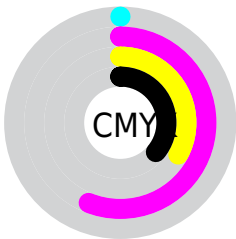
# Distribution



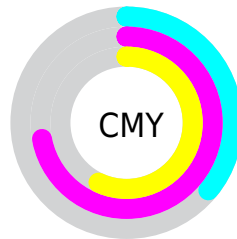
- Red (64%)
- Green (28%)
- Blue (43%)



- Red (64%)
- Yellow (28%)
- Blue (43%)



- Cyan (0%)
- Magenta (56%)
- Yellow (33%)
- Black (36%)



- Cyan (36%)
- Magenta (72%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3476D 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 A3476D by changing the saturation by 10% instead.



 A3476D

 A3476D

FFFFFF

 872D55

 DC7BA0

 6C103E

 FA96BB

 510028

 FFB1D7

 380013

 FFCEF3

 1B0001

 FFEAFF

 000000

 A3476D

 A3476D

 A33763

 A35777

 A3265A

 A36880

 A31650

 A3788A

 A30647

 A38893

 A30043

 A3999D

 A3A9A6

 A3B9B0

 A3C9BA

 A3DAC3

# Harmonies

## Analogous

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



8C518E



A3476D



A64A4A

# Triad

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



A3476D



5C6D23



0074A0

# Complementary

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



A3476D



47A37D

# 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.



007784



A3476D



2E743D

# Square

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



A3476D



7E631C



007760



006CAC

# Rectangle

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



A3476D



9E5136



007760



007598



# Sweetspot

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



A3476D



D4B0BF



7D47A3



6B565F



EBEBEB



6B6B6B



# Same Dimension

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



A3476D



D4447F



A34F47



52494D



91003C



120007



# Inverse Universe

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



A3476D



D4447F



479BA3



52494D



91003C

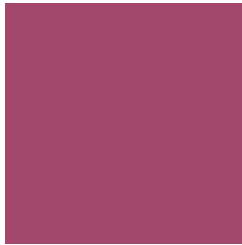


120007



# Previews

## White Background



This preview shows how the Hex color A3476D looks on a white background.

## Color Contrast Check

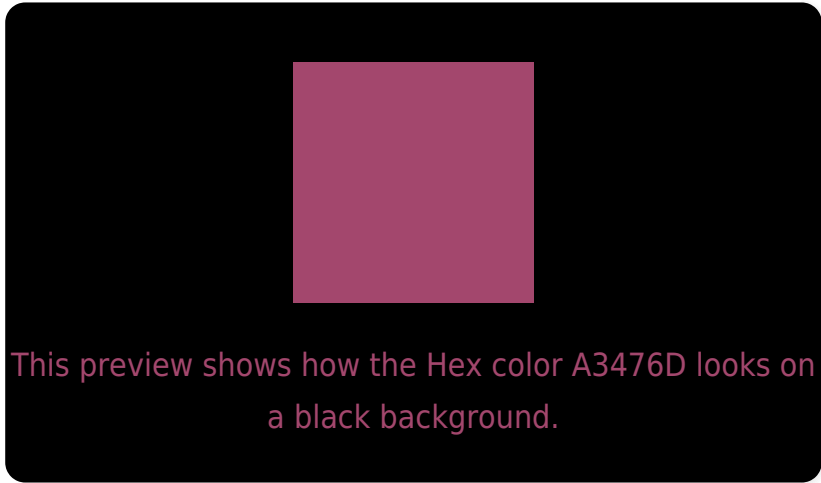
Large Text (above 18pt) WCAG AA ✓ Pass

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

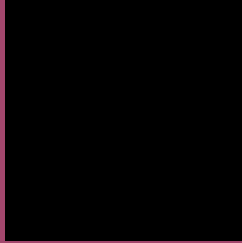
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A3476D Background



This preview shows how black text looks on a background with the Hex color A3476D.



This preview shows how white text looks on a background with the Hex color A3476D.

# 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**  
A14D52

# Trichromacy



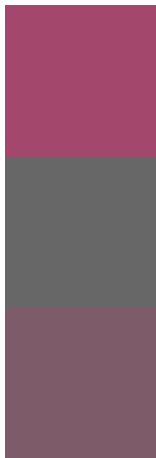
**Original Color**  
A3476D

**Protanomaly**  
795B7A

**Deuteranomaly**  
83596A

**Tritanomaly**  
A24B5C

# Monochromacy



**Original Color**  
A3476D

**Achromatopsia**  
676767

**Achromatomaly**  
7D5B69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3476D 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 #A3476D looks like.

```
.text, #text, p{  
    color:#A3476D  
}
```

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 #A3476D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3476D
}
```

## Border

The CSS property to change the border of an element to Hex A3476D is called "border". The border property can be set on classes, ids or directly on the HTML element.

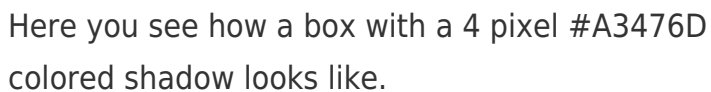
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3476D }
```

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

```
.border{ border-color:#A3476D }
```

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



Here you see how a box with a 4 pixel #A3476D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3476D; -webkit-box-shadow:4px 4px  
4px 4px #A3476D; box-shadow:4px 4px 4px  
4px #A3476D }
```

# Background

The CSS property to change the background color of an element to Hex A3476D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3476D }
```

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

```
.background{ background-color:#A3476D }
```

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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