

# Converting Colors

Hex(A3367D)

Have a look what the booklet for  
Hex(A3367D) contains.

<b>Hex(A3367D)</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(A3367D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3367D
RGB	163, 54, 125
RGB Percent	64%, 21%, 49%
CMY	0.3608, 0.7882, 0.5098
CMYK	0.00, 0.67, 0.23, 0.36
HSL	321°, 50%, 43%
HSV	321°, 67%, 64%
XYZ	20.1251, 11.9055, 20.6393
YIQ	94.6850, 42.1730, 45.1890

# Conversions

## Conversions Part 2

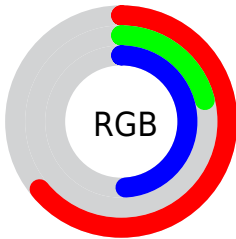
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 54, 125
Decimal	10696317
CIE <sub>Lab</sub>	41.07, 52.04, -16.50
CIE <sub>LCh</sub>	41, 54.594, 342.409
Yxy	11.9055, 0.3821, 0.2260
Android (android.graphics.Color)	4288886397 (0xFFA3367D)
YUV	94.6850, 14.9453, 59.9123
Hunter-Lab	34.5044, 43.7295, -11.3121

# Details

The Hex color **A3367D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **36A35C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **DD6CB2**, and **6C004C** is the 20% darker color. If you saturate the color by 10%, you get **A32677**, and if you desaturate by 10%, it is **A34683**.

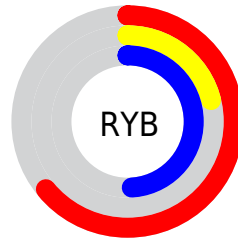
# Distribution



Red (64%)

Green (21%)

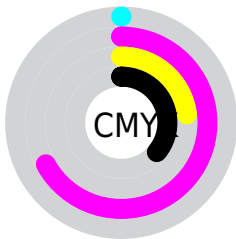
Blue (49%)



Red (64%)

Yellow (21%)

Blue (49%)

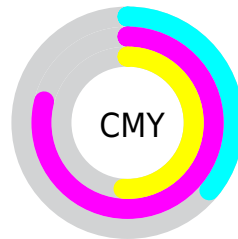


Cyan (0%)

Magenta (67%)

Yellow (23%)

Black (36%)



Cyan (36%)

Magenta (79%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3367D 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 A3367D by changing the saturation by 10% instead.



 A3367D

 A3367D

FFFFFF

 871764

 DD6CB2

 6C004C

 FA88CD

 510035

 FFA3E9

 390020

 FFBFFF

 1A0003

 FFDCFF

 000000

 FFF9FF

 A3367D

 A3367D

 A32677

 A34683

 A31572

 A35788

 A3056C

 A3678E

 A3006A

 A37794

 A38899

 A3989F

 A3A8A5

 A3B8AA

 A3C9B0

# Harmonies

## Analogous

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



7A4CA4



A3367D



B03050

# Triad

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



A3367D



646500



00749D

# Complementary

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



A3367D



36A35C

# 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.



007573



A3367D



306E16

# Square

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



A3367D



8A5500



007344



006DB6

# Rectangle

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



A3367D



AB3A34



007344



007490



# Sweetspot

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



A3367D



D4A9C5



5A36A3



6B5162



EBEBEB



6B6B6B



# Same Dimension

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



A3367D



D42A99



A33648



52494F



91005F



12000C



# Inverse Universe

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



A3367D



D42A99



36A391



52494F



91005F



12000C



# Previews

## White Background



This preview shows how the Hex color A3367D looks on a white background.

## Color Contrast Check

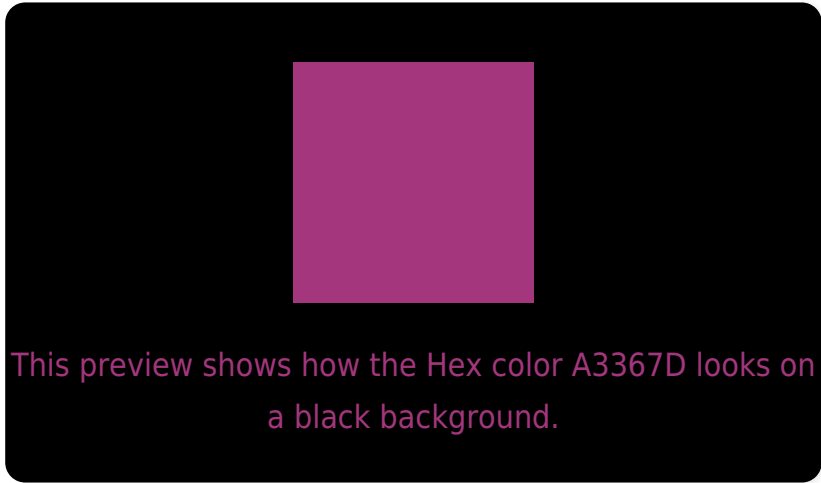
Large Text (above 18pt) WCAG AA ✓ Pass

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

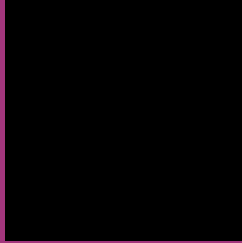
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A3367D Background



This preview shows how black text looks on a background with the Hex color A3367D.

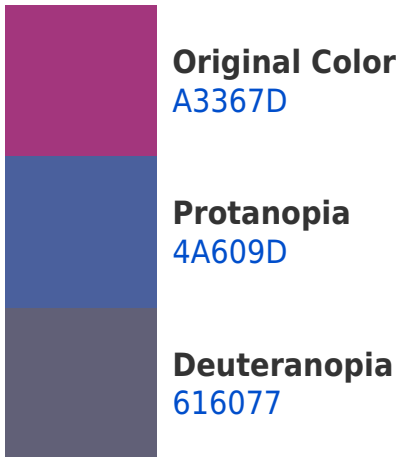


This preview shows how white text looks on a background with the Hex color A3367D.

# 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**  
9E4449

# Trichromacy



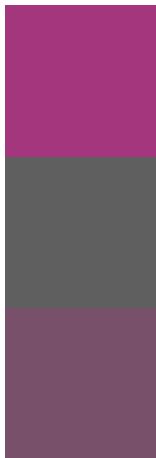
**Original Color**  
A3367D

**Protanomaly**  
6A5191

**Deuteranomaly**  
795179

**Tritanomaly**  
A03F5C

# Monochromacy



**Original Color**  
A3367D

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
78506A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3367D 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 #A3367D looks like.

```
.text, #text, p{  
    color:#A3367D  
}
```

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 #A3367D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3367D
}
```

## Border

The CSS property to change the border of an element to Hex A3367D is called "border". The border property can be set on classes, ids or directly on the HTML element.

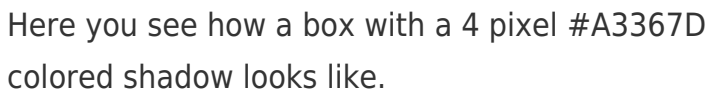
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3367D }
```

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

```
.border{ border-color:#A3367D }
```

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



Here you see how a box with a 4 pixel `#A3367D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3367D; -webkit-box-shadow:4px 4px  
4px 4px #A3367D; box-shadow:4px 4px 4px  
4px #A3367D }
```

# Background

The CSS property to change the background color of an element to Hex A3367D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3367D }
```

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

```
.background{ background-color:#A3367D }
```

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