

# Converting Colors

Hex(A3359A)

Have a look what the booklet for  
Hex(A3359A) contains.

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# Color

**Hex(A3359A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3359A
RGB	163, 53, 154
RGB Percent	64%, 21%, 60%
CMY	0.3608, 0.7922, 0.3961
CMYK	0.00, 0.67, 0.06, 0.36
HSL	305°, 51%, 42%
HSV	305°, 67%, 64%
XYZ	22.2101, 12.6658, 31.8460
YIQ	97.4040, 33.1390, 54.7310

# Conversions

## Conversions Part 2

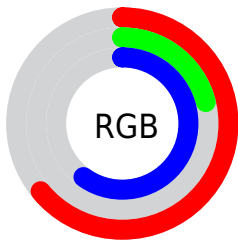
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 53, 154
Decimal	10696090
CIE <sub>Lab</sub>	42.26, 56.87, -32.32
CIE <sub>LCh</sub>	42, 65.410, 330.391
Yxy	12.6658, 0.3329, 0.1898
Android (android.graphics.Color)	4288886170 (0xFFA3359A)
YUV	97.4040, 27.9018, 57.5277
Hunter-Lab	35.5891, 49.1157, -28.1418

# Details

The Hex color **A3359A** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **35A33E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **DD6CD1**, and **6C0066** is the 20% darker color. If you saturate the color by 10%, you get **A32599**, and if you desaturate by 10%, it is **A3459B**.

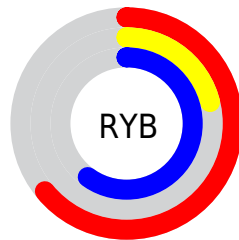
# Distribution



Red (64%)

Green (21%)

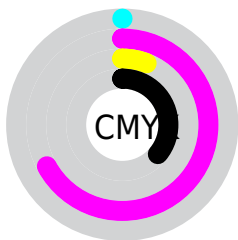
Blue (60%)



Red (64%)

Yellow (21%)

Blue (60%)

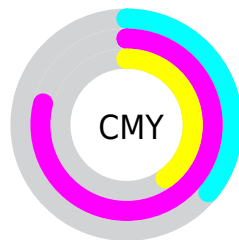


Cyan (0%)

Magenta (67%)

Yellow (6%)

Black (36%)



Cyan (36%)

Magenta (79%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3359A 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 A3359A by changing the saturation by 10% instead.



 A3359A

 A3359A

FFFFFF

 871480

 DD6CD1

 6C0066

 FA88ED

 51004E

 FFA4FF

 380037

 FFC0FF

 1C0021

 FFDDFF

 000004

 FFFAFF

 000000

 A3359A

 A3359A

 A32599

 A3459B

 A31497

 A3569D

 A30496

 A3669E

 A30096

 A3769F

 A387A1

 A397A2

 A3A7A3

 A3B7A5

 A3C8A6

# Harmonies

## Analogous

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



5D55C2



A3359A



BF1965

# Triad

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



A3359A



796200



007B99

# Complementary

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



A3359A



35A33E

# 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.



007A63



A3359A



427000

# Square

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



A3359A



A24B00



00772A



0076C2

# Rectangle

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



A3359A



C02142



00772A



007B88



# Sweetspot

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



A3359A



D4A9D0



3C35A3



6B5169



EBEBEB



6B6B6B



# Same Dimension

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



A3359A



D428C6



A33565



524951



910085



120010



# Inverse Universe

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



A3359A



D428C6



35A373



524951



910085



120010



# Previews

## White Background



This preview shows how the Hex color A3359A looks on a white background.

## Color Contrast Check

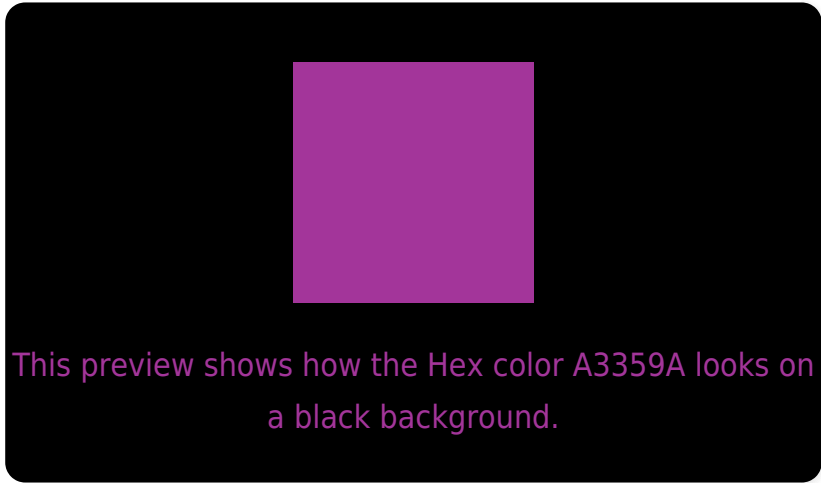
Large Text (above 18pt) WCAG AA ✓ Pass

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

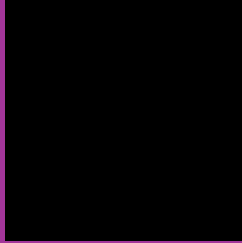
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A3359A Background



This preview shows how black text looks on a background with the Hex color A3359A.

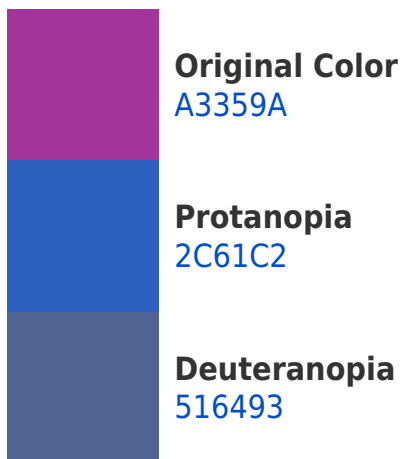


This preview shows how white text looks on a background with the Hex color A3359A.

# 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**  
9B4C51

# Trichromacy



**Original Color**  
A3359A



**Protanomaly**  
5751B3



**Deuteranomaly**  
6F5396



**Tritanomaly**  
9E446C

# Monochromacy



**Original Color**  
A3359A



**Achromatopsia**  
616161



**Achromatomaly**  
795176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3359A 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 #A3359A looks like.

```
.text, #text, p{  
    color:#A3359A  
}
```

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 #A3359A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3359A
}
```

## Border

The CSS property to change the border of an element to Hex A3359A is called "border". The border property can be set on classes, ids or directly on the HTML element.

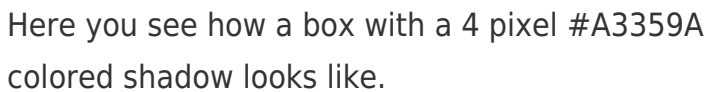
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3359A }
```

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

```
.border{ border-color:#A3359A }
```

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



Here you see how a box with a 4 pixel #A3359A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3359A; -webkit-box-shadow:4px 4px  
4px 4px #A3359A; box-shadow:4px 4px 4px  
4px #A3359A }
```

# Background

The CSS property to change the background color of an element to Hex A3359A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3359A }
```

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

```
.background{ background-color:#A3359A }
```

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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