

# Converting Colors

Hex(A4357B)

Have a look what the booklet for  
Hex(A4357B) contains.

<b>Hex(A4357B)</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(A4357B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A4357B
RGB	164, 53, 123
RGB Percent	64%, 21%, 48%
CMY	0.3569, 0.7922, 0.5176
CMYK	0.00, 0.68, 0.25, 0.36
HSL	322°, 51%, 43%
HSV	322°, 68%, 64%
XYZ	20.1581, 11.8688, 19.9673
YIQ	94.1690, 43.6860, 45.3020

# Conversions

## Conversions Part 2

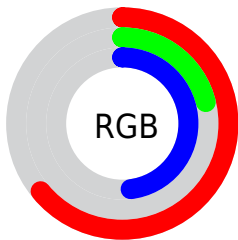
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 53, 123
Decimal	10761595
CIELab	41.01, 52.46, -15.34
CIELCh	41, 54.655, 343.700
Yxy	11.8688, 0.3877, 0.2283
Android (android.graphics.Color)	4288951675 (0xFFA4357B)
YUV	94.1690, 14.2137, 61.2418
Hunter-Lab	34.4511, 44.1549, -10.2478

# Details

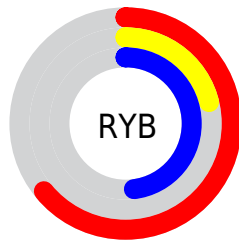
The Hex color **A4357B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **35A45E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **DE6CB0**, and **6C004A** is the 20% darker color. If you saturate the color by 10%, you get **A42575**, and if you desaturate by 10%, it is **A44581**.

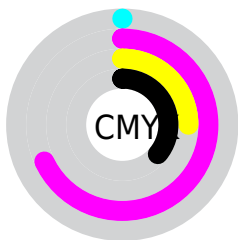
# Distribution



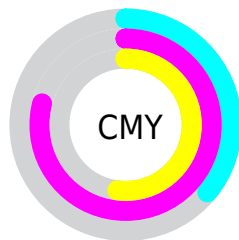
- Red (64%)
- Green (21%)
- Blue (48%)



- Red (64%)
- Yellow (21%)
- Blue (48%)



- Cyan (0%)
- Magenta (68%)
- Yellow (25%)
- Black (36%)



- Cyan (36%)
- Magenta (79%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4357B 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 A4357B by changing the saturation by 10% instead.



 A4357B

 A4357B

FFFFFF

 881562

 DE6CB0

 6C004A

 FC87CB

 510033

 FFA2E7

 39001F

 FFBFFF

 1B0001

 FFDBFF

 000000

 FFF9FF

 A4357B

 A4357B

 A42575

 A44581

 A4146F

 A45687

 A40469

 A4668D

 A40067

 A47793

 A48799

 A4979F

 A4A8A5

 A4B8AB

 A4C9B2

# Harmonies

## Analogous

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



7C4BA2



A4357B



B0304E

# Triad

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



A4357B



626500



00739E

# Complementary

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



A4357B



35A45E

# 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.



007575



A4357B



2C6F17

# Square

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



A4357B



895600



007346



006DB7

# Rectangle

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



A4357B



AB3A32



007346



007491



# Sweetspot

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



A4357B



D6ABC6



5E35A4



6B5162



EBEBEB



6B6B6B



# Same Dimension

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



A4357B



D62996



A43544



52494F



91005C



12000B



# Inverse Universe

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



A4357B



D62996



35A495



52494F



91005C



12000B



# Previews

## White Background



This preview shows how the Hex color A4357B looks on a white background.

## Color Contrast Check

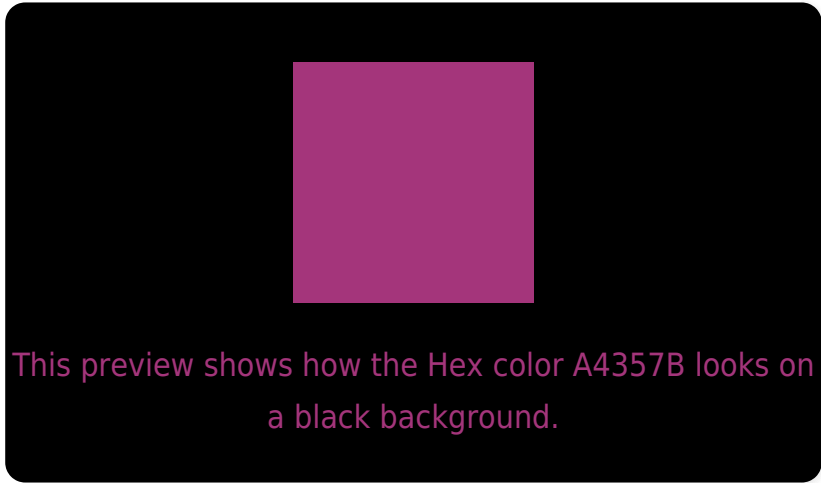
Large Text (above 18pt) WCAG AA ✓ Pass

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

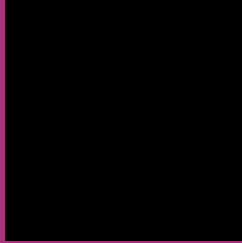
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A4357B Background



This preview shows how black text looks on a background with the Hex color A4357B.

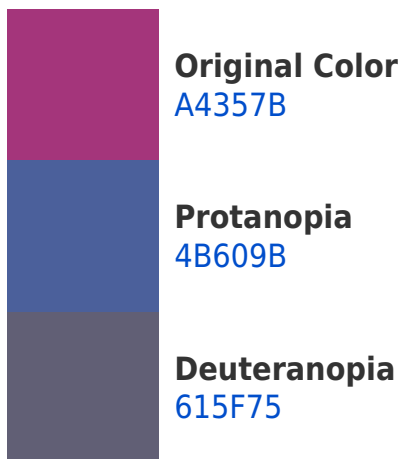


This preview shows how white text looks on a background with the Hex color A4357B.

# 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**  
A04347

# Trichromacy



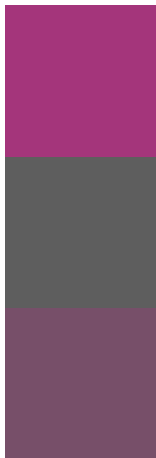
**Original Color**  
A4357B

**Protanomaly**  
6B508F

**Deuteranomaly**  
795077

**Tritanomaly**  
A13E5A

# Monochromacy



**Original Color**  
A4357B

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
774F69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4357B 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 #A4357B looks like.

```
.text, #text, p{  
    color:#A4357B  
}
```

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 #A4357B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4357B
}
```

## Border

The CSS property to change the border of an element to Hex A4357B 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
#A4357B }
```

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

```
.border{ border-color:#A4357B }
```

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

Here you see how a box with a 4 pixel #A4357B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4357B; -webkit-box-shadow:4px 4px  
4px 4px #A4357B; box-shadow:4px 4px 4px  
4px #A4357B }
```

# Background

The CSS property to change the background color of an element to Hex A4357B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4357B }
```

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

```
.background{ background-color:#A4357B }
```

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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