

Converting Colors

Hex(A357CE)

Have a look what the booklet for
Hex(A357CE) contains.

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Color

Hex(A357CE)

Conversions

Conversions Part 1

Format	Color
Hex	A357CE
RGB	163, 87, 206
RGB Percent	64%, 34%, 81%
CMY	0.3608, 0.6588, 0.1922
CMYK	0.21, 0.58, 0.00, 0.19
HSL	278°, 55%, 57%
HSV	278°, 58%, 81%
XYZ	29.6530, 19.0592, 60.5084
YIQ	123.2900, 7.0970, 53.1210

Conversions

Conversions Part 2

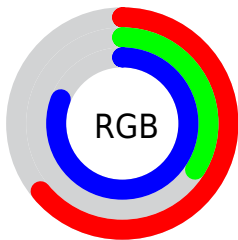
Format	Color
RYB	163, 87, 206
Decimal	10704846
CIELab	50.76, 51.37, -49.33
CIELCh	51, 71.224, 316.160
Yxy	19.0592, 0.2715, 0.1745
Android (android.graphics.Color)	4288894926 (0xFFA357CE)
YUV	123.2900, 40.7760, 34.8257
Hunter-Lab	43.6568, 44.8433, -51.6163

Details

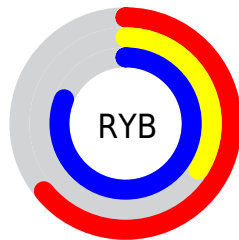
The Hex color **A357CE** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **82CE57**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DC8CFF**, and **6C2297** is the 20% darker color. If you saturate the color by 10%, you get **9C42CE**, and if you desaturate by 10%, it is **AA6CCE**.

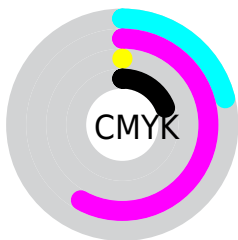
Distribution



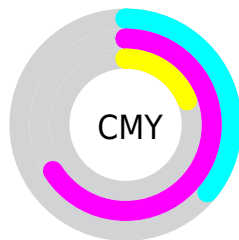
- Red (64%)
- Green (34%)
- Blue (81%)



- Red (64%)
- Yellow (34%)
- Blue (81%)



- Cyan (21%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)



- Cyan (36%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color A357CE 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 A357CE by changing the saturation by 10% instead.

 A357CE

 A357CE

FFFFFF

 873DB2

 DC8CFF

 6C2297

 FAA7FF

 51007D

 FFC3FF

 360063

 FFE0FF

 1E004B

 FFFDFD

 000033

 00021D

 000000

 A357CE

 A357CE

 9C42CE

 AA6CCE

 942ECE

 B280CE

 8D19CE

 B995CE

 8505CE

 C1A9CE

 8400CE

 C8BECE

 D0D3CE

 D7E7CE

 DFFCCE

 E6FFCE

Harmonies

Analogous

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



0F75EF



A357CE



D63598

Triad

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



A357CE



A96C00



009399

Complementary

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



A357CE



82CE57

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.



00925A



A357CE



748000

Square

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



A357CE



D04E20



1E8C15



0091D0

Rectangle

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



A357CE



E22C6F



1E8C15



009384

Sweetspot

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



A357CE



EFD4FF



5783CE



766680



000000



808080

Same Dimension

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



A357CE



BF4FFF



CE57BE



625C66



6A00A6



180026

Inverse Universe

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



CE5782



FF4F8F



57CE67



665C5F



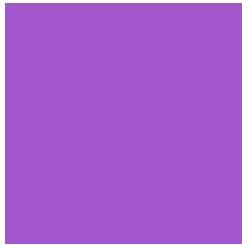
A6003C



26000E

Previews

White Background



This preview shows how the Hex color A357CE looks on a white background.

Color Contrast Check

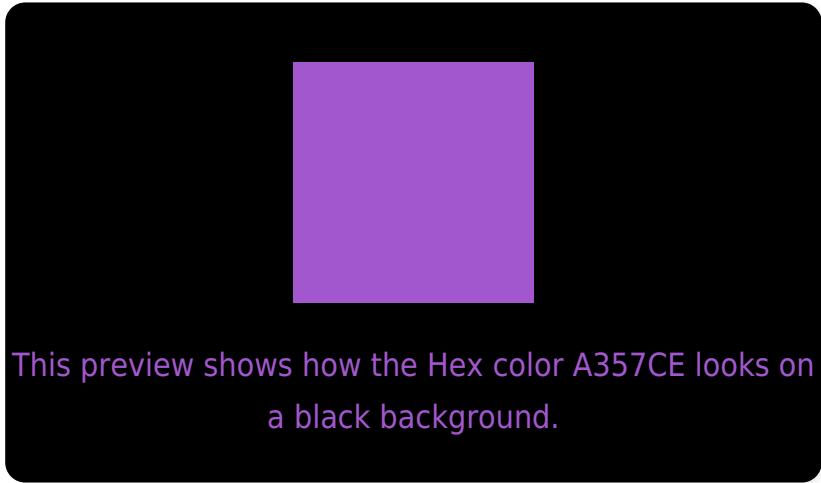
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

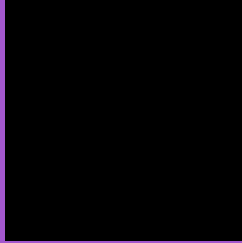
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex A357CE Background



This preview shows how black text looks on a background with the Hex color A357CE.

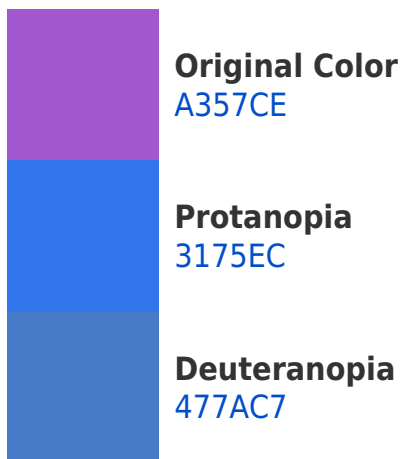


This preview shows how white text looks on a background with the Hex color A357CE.

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](#).

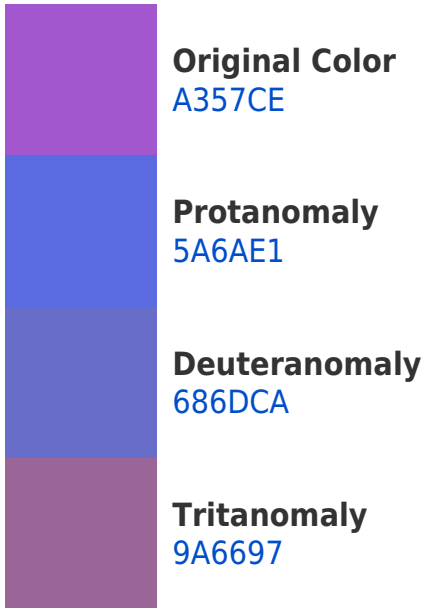
Dichromacy



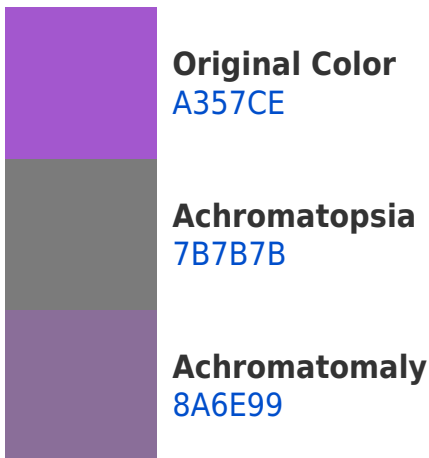


Tritanopia
956F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A357CE 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 #A357CE looks like.

```
.text, #text, p{  
    color:#A357CE  
}
```

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 #A357CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A357CE
}
```

Border

The CSS property to change the border of an element to Hex A357CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

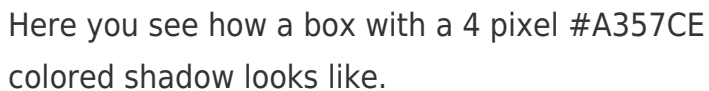
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A357CE }
```

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

```
.border{ border-color:#A357CE }
```

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



Here you see how a box with a 4 pixel #A357CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A357CE; -webkit-box-shadow:4px 4px  
4px 4px #A357CE; box-shadow:4px 4px 4px  
4px #A357CE }
```

Background

The CSS property to change the background color of an element to Hex A357CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A357CE }
```

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

```
.background{ background-color:#A357CE }
```

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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