

# Converting Colors

Hex(A56ECE)

Have a look what the booklet for  
Hex(A56ECE) contains.

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# Color

Hex(A56ECE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A56ECE
RGB	165, 110, 206
RGB Percent	65%, 43%, 81%
CMY	0.3529, 0.5686, 0.1922
CMYK	0.20, 0.47, 0.00, 0.19
HSL	274°, 49%, 62%
HSV	274°, 47%, 81%
XYZ	32.2336, 23.6074, 61.2503
YIQ	137.3890, 1.9640, 41.5160

# Conversions

## Conversions Part 2

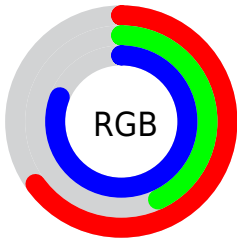
Format	Color
R <sub>Y</sub> B	165, 110, 206
Decimal	10841806
CIE <sub>Lab</sub>	55.69, 39.66, -41.49
CIE <sub>LCh</sub>	56, 57.398, 313.707
Y <sub>xy</sub>	23.6074, 0.2753, 0.2016
Android (android.graphics.Color)	4289031886 (0xFFA56ECE)
YUV	137.3890, 33.8252, 24.2148
Hunter-Lab	48.5875, 33.3911, -40.7309

# Details

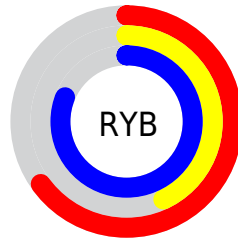
The Hex color **A56ECE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **97CE6E**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **DEA3FF**, and **6F3C97** is the 20% darker color. If you saturate the color by 10%, you get **9C59CE**, and if you desaturate by 10%, it is **AE83CE**.

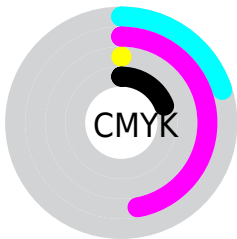
# Distribution



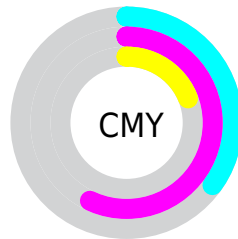
- Red (65%)
- Green (43%)
- Blue (81%)



- Red (65%)
- Yellow (43%)
- Blue (81%)



- Cyan (20%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (35%)
- Magenta (57%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A56ECE 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 A56ECE by changing the saturation by 10% instead.



 A56ECE

 A56ECE

FFFFFF

 8A55B2

 DEA3FF

 6F3C97

 FBBEFF

 55247D

 FFDAFF

 3B0A63

 FFF7FF

 21004B

 030034

 00021D

 000000

 A56ECE

 A56ECE

9C59CE

AE83CE

9345CE

B797CE

8B30CE

BFACCE

821CCE

C8C0CE

7907CE

D1D5CE

7600CE

DAEACE

E3FECE

EBFFCE

F4FFCE

# Harmonies

## Analogous

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



4C83E7



A56ECE



D25AA3

# Triad

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



A56ECE



B5791E



009D9C

# Complementary

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



A56ECE



97CE6E

# 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.



009B68



A56ECE



898A15

# Square

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



A56ECE



D46542



509538



009BC9

# Rectangle

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



A56ECE



DE5581



509538



009D8A



# Sweetspot

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



A56ECE



F0DBFF



6E98CE



766A80



000000



808080



# Same Dimension

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



A56ECE



C270FF



CE6EC8



625C66



5F00A6



160026



# Inverse Universe

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



CE6E97



FF70AD



6ECE74



665C60



A60047



260010



# Previews

## White Background



This preview shows how the Hex color A56ECE looks on a white background.

## Color Contrast Check

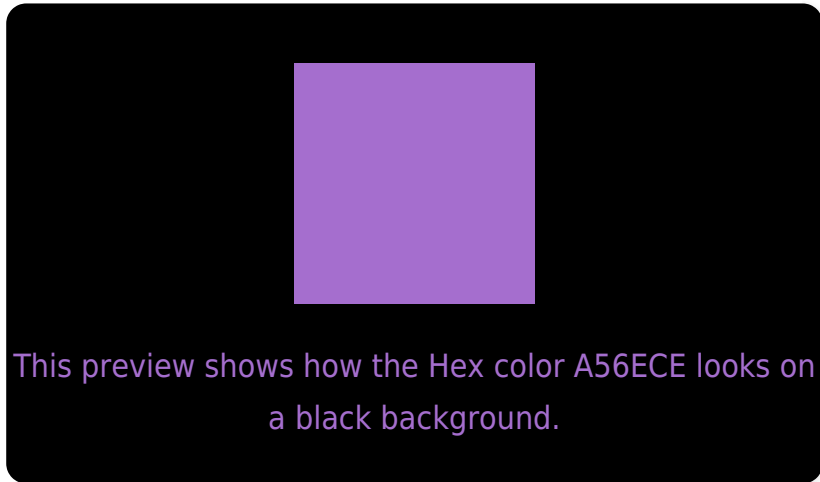
Large Text (above 18pt) WCAG AA ✓ Pass

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

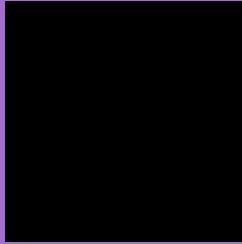
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A56ECE Background



This preview shows how black text looks on a background with the Hex color A56ECE.

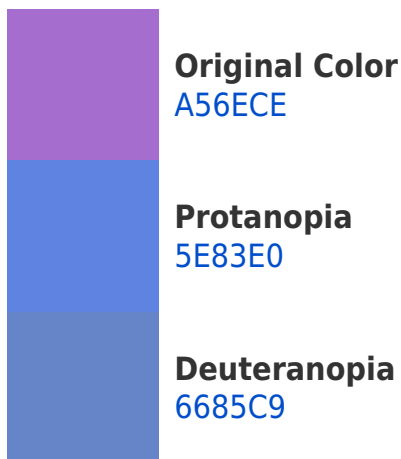


This preview shows how white text looks on a background with the Hex color A56ECE.

# 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**  
9A7E88

# Trichromacy



**Original Color**  
A56ECE



**Protanomaly**  
787BD9



**Deuteranomaly**  
7D7DCB



**Tritanomaly**  
9E78A1

# Monochromacy



**Original Color**  
A56ECE



**Achromatopsia**  
898989



**Achromatomaly**  
937FA2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A56ECE 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 #A56ECE looks like.

```
.text, #text, p{  
    color:#A56ECE  
}
```

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 #A56ECE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A56ECE
}
```

## Border

The CSS property to change the border of an element to Hex A56ECE is called "border". The border property can be set on classes, ids or directly on the HTML element.

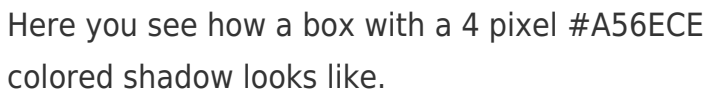
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A56ECE }
```

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

```
.border{ border-color:#A56ECE }
```

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



Here you see how a box with a 4 pixel #A56ECE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A56ECE; -webkit-box-shadow:4px 4px  
4px 4px #A56ECE; box-shadow:4px 4px 4px  
4px #A56ECE }
```

# Background

The CSS property to change the background color of an element to Hex A56ECE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A56ECE }
```

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

```
.background{ background-color:#A56ECE }
```

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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