

# Converting Colors

Hex(A36BDE)

Have a look what the booklet for  
Hex(A36BDE) contains.

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# Color

Hex(A36BDE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A36BDE
RGB	163, 107, 222
RGB Percent	64%, 42%, 87%
CMY	0.3608, 0.5804, 0.1294
CMYK	0.27, 0.52, 0.00, 0.13
HSL	269°, 64%, 65%
HSV	269°, 52%, 87%
XYZ	33.5468, 23.5758, 71.8897
YIQ	136.8540, -3.5390, 47.6370

# Conversions

## Conversions Part 2

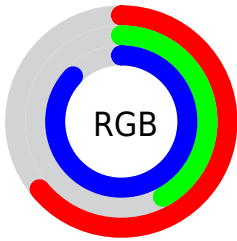
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 107, 222
Decimal	10709982
CIELab	55.66, 44.47, -50.60
CIELCh	56, 67.365, 311.310
Yxy	23.5758, 0.2600, 0.1827
Android (android.graphics.Color)	4288900062 (0xFFA36BDE)
YUV	136.8540, 41.9770, 22.9300
Hunter-Lab	48.5550, 38.3550, -53.7954

# Details

The Hex color **A36BDE** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **A6DE6B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **DCA0FF**, and **6C39A6** is the 20% darker color. If you saturate the color by 10%, you get **9855DE**, and if you desaturate by 10%, it is **AE81DE**.

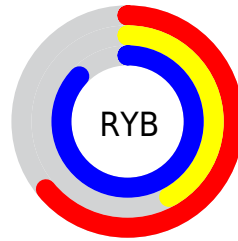
# Distribution



Red (64%)

Green (42%)

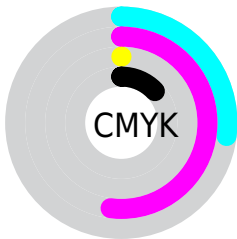
Blue (87%)



Red (64%)

Yellow (42%)

Blue (87%)

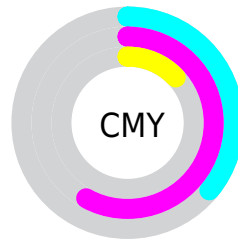


Cyan (27%)

Magenta (52%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (58%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36BDE 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 A36BDE by changing the saturation by 10% instead.



 A36BDE

 A36BDE


FFFFFF

 8752C2

 DCA0FF

 6C39A6

 FABBF

 51208B

 FFD8FF

 350471

 FFF4FF

 170058

 000040

 000329

 000113

 000000

 A36BDE

 A36BDE

 9855DE

 AE81DE

 8C3FDE

 BA97DE

 8128DE

 C5AEDE

 7512DE

 D1C4DE

 6C00DE

 DCDADE

 E7F0DE

 F3FFDE

 FEFFDE

 FFFFDE

# Harmonies

## Analogous

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



0085F9



A36BDE



DB4FAC

# Triad

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



A36BDE



BE7500



00A09B

# Complementary

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



A36BDE



A6DE6B

# 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.



009E5D



A36BDE



8C8A00

# Square

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



A36BDE



E05A3A



499721



009ED2

# Rectangle

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



A36BDE



EA4585



499721



00A086



# Sweetspot

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



A36BDE



EAD6FF



6BA6DE



736780



000000



808080



# Same Dimension

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



A36BDE



AE61FF



DC6BDE



6A6570



5600B0



180030



# Inverse Universe

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



DE6BA6



FF61B2



6DDE6B



70656B



B0005A

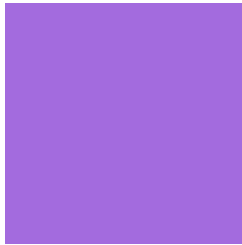


300019



# Previews

## White Background



This preview shows how the Hex color A36BDE looks on a white background.

## Color Contrast Check

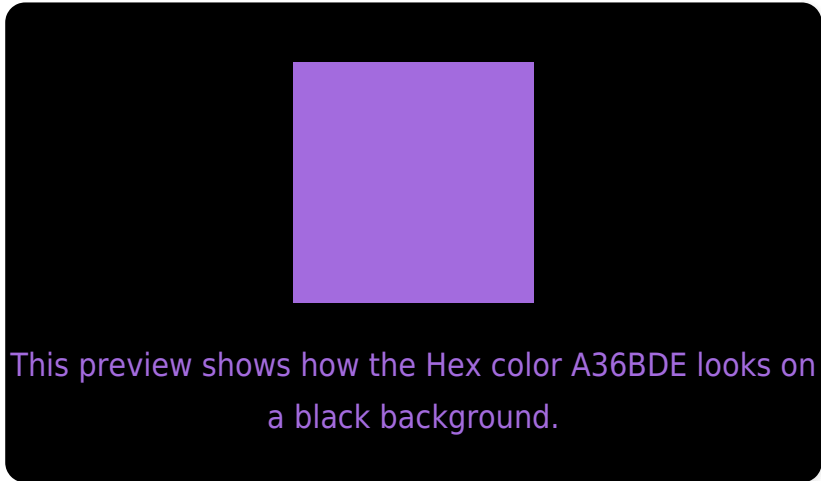
Large Text (above 18pt) WCAG AA ✓ Pass

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 A36BDE Background



This preview shows how black text looks on a background with the Hex color A36BDE.

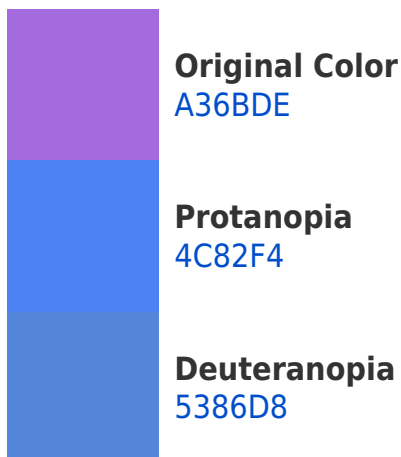


This preview shows how white text looks on a background with the Hex color A36BDE.

# 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](#).

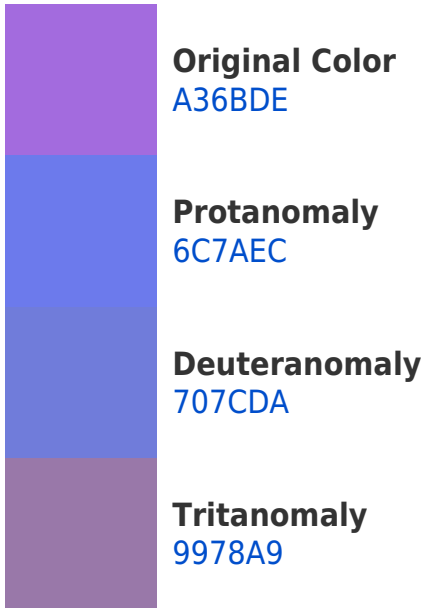
## Dichromacy



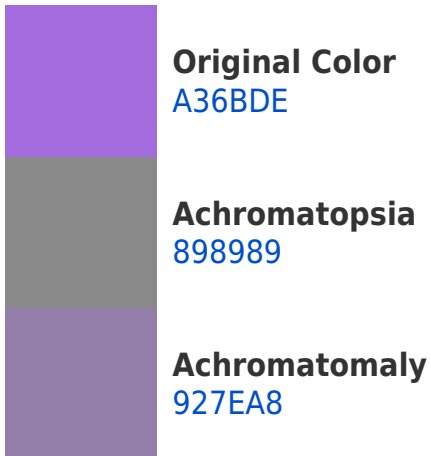


**Tritanopia**  
94808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36BDE 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 #A36BDE looks like.

```
.text, #text, p{  
    color:#A36BDE  
}
```

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 #A36BDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36BDE
}
```

## Border

The CSS property to change the border of an element to Hex A36BDE is called "border". The border property can be set on classes, ids or directly on the HTML element.

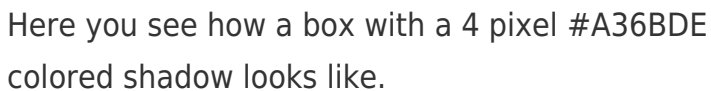
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A36BDE }
```

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

```
.border{ border-color:#A36BDE }
```

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



Here you see how a box with a 4 pixel `#A36BDE` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36BDE; -webkit-box-shadow:4px 4px  
4px 4px #A36BDE; box-shadow:4px 4px 4px  
4px #A36BDE }
```

# Background

The CSS property to change the background color of an element to Hex A36BDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36BDE }
```

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

```
.background{ background-color:#A36BDE }
```

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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