

# Converting Colors

Hex(A36BE2)

Have a look what the booklet for  
Hex(A36BE2) contains.

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**Color**

**Hex(A36BE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A36BE2
RGB	163, 107, 226
RGB Percent	64%, 42%, 89%
CMY	0.3608, 0.5804, 0.1137
CMYK	0.28, 0.53, 0.00, 0.11
HSL	268°, 67%, 65%
HSV	268°, 53%, 89%
XYZ	34.0894, 23.7929, 74.7473
YIQ	137.3100, -4.8230, 48.8810

# Conversions

## Conversions Part 2

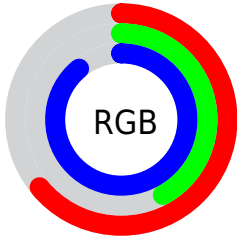
Format	Color
R <sub>Y</sub> B	163, 107, 226
Decimal	10709986
CIE Lab	55.88, 45.42, -52.50
CIE LCh	56, 69.421, 310.864
Yxy	23.7929, 0.2570, 0.1794
Android (android.graphics.Color)	4288900066 (0xFFA36BE2)
YUV	137.3100, 43.7242, 22.5301
Hunter-Lab	48.7780, 39.3867, -56.7113

# Details

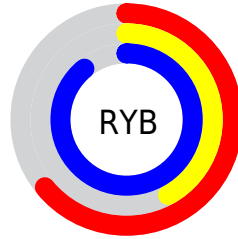
The Hex color **A36BE2** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **AAE26B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **DCA0FF**, and **6B39AA** is the 20% darker color. If you saturate the color by 10%, you get **9754E2**, and if you desaturate by 10%, it is **AF82E2**.

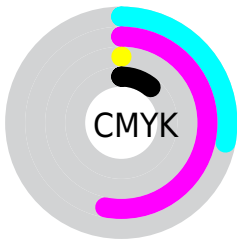
# Distribution



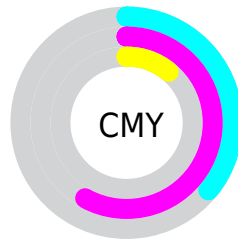
- Red (64%)
- Green (42%)
- Blue (89%)



- Red (64%)
- Yellow (42%)
- Blue (89%)



- Cyan (28%)
- Magenta (53%)
- Yellow (0%)
- Black (11%)



- Cyan (36%)
- Magenta (58%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36BE2 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 A36BE2 by changing the saturation by 10% instead.



 A36BE2

 A36BE2

FFFFFF

 8752C6

 DCA0FF

 6B39AA

 FABBF

 50208F

 FFD8FF

 340375

 FFF4FF

 15005B

 000043

 00032C

 000116

 000000

 A36BE2

 A36BE2

 9754E2

 AF82E2

 8B3EE2

 BB98E2

 7F27E2

 C7AFE2

 7311E2

 D3C5E2

 6A00E2

 DFDCE2

 EBF3E2

 F7FFE2

 FFFFE2

# Harmonies

## Analogous

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



0086FD



A36BE2



DD4DAF

# Triad

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



A36BE2



C07500



00A19B

# Complementary

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



A36BE2



AAE26B

# 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.



009F5C



A36BE2



8D8A00

# Square

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



A36BE2



E45839



48981C



009FD4

# Rectangle

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



A36BE2



EE4287



48981C



00A186



# Sweetspot

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



A36BE2



E9D6FF



6BAAE2



736780



000000



808080



# Same Dimension

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



A36BE2



AA5EFF



DE6BE2



6A6570



5300B0



170030



# Inverse Universe

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



E26BAA



FF5EB3



6FE26B



70656B



B0005D

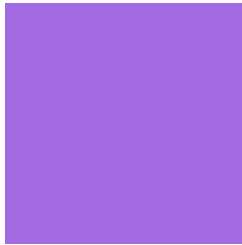


30001A



# Previews

## White Background



This preview shows how the Hex color A36BE2 looks on a white background.

## Color Contrast Check

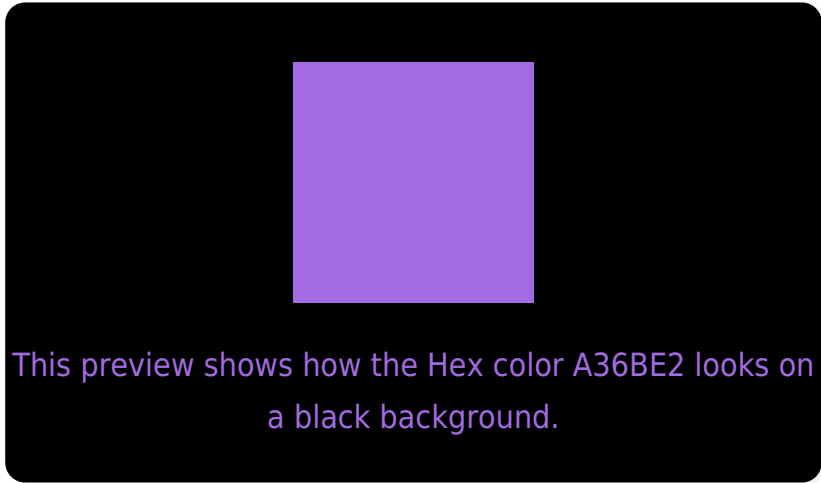
Large Text (above 18pt) WCAG AA ✓ Pass

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 A36BE2 Background



This preview shows how black text looks on a background with the Hex color A36BE2.

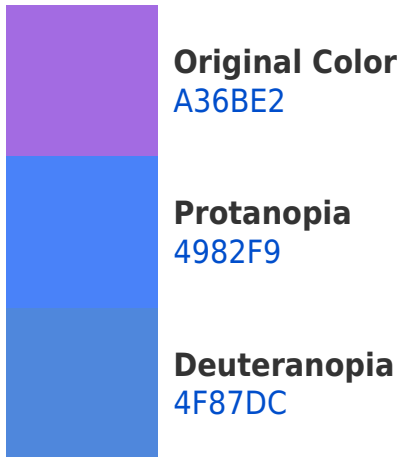


This preview shows how white text looks on a background with the Hex color A36BE2.

# 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](#).

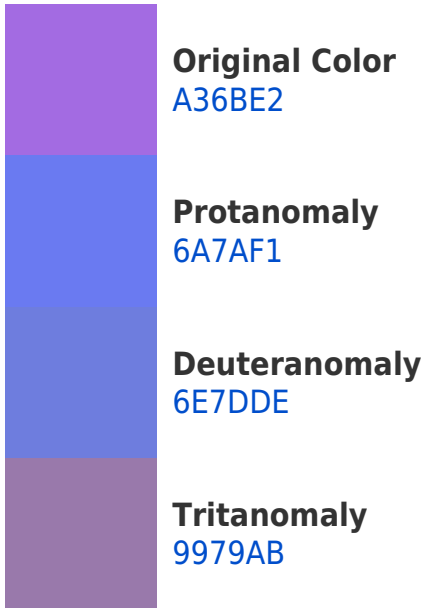
## Dichromacy



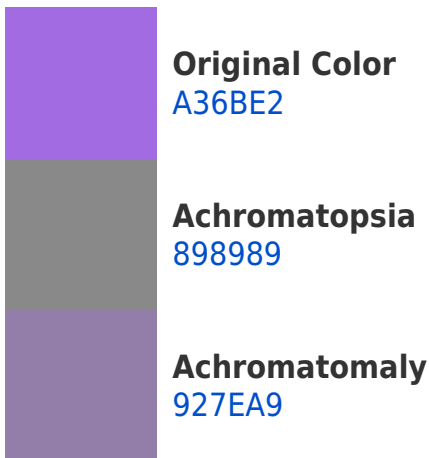


**Tritanopia**  
93818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36BE2 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 #A36BE2 looks like.

```
.text, #text, p{  
    color:#A36BE2  
}
```

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 #A36BE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36BE2
}
```

## Border

The CSS property to change the border of an element to Hex A36BE2 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
#A36BE2 }
```

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

```
.border{ border-color:#A36BE2 }
```

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

Here you see how a box with a 4 pixel #A36BE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36BE2; -webkit-box-shadow:4px 4px  
4px 4px #A36BE2; box-shadow:4px 4px 4px  
4px #A36BE2 }
```

# Background

The CSS property to change the background color of an element to Hex A36BE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36BE2 }
```

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

```
.background{ background-color:#A36BE2 }
```

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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