

# Converting Colors

Hex(A036B1)

Have a look what the booklet for  
Hex(A036B1) contains.

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# Color

**Hex(A036B1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A036B1
RGB	160, 54, 177
RGB Percent	63%, 21%, 69%
CMY	0.3725, 0.7882, 0.3059
CMYK	0.10, 0.69, 0.00, 0.31
HSL	292°, 53%, 45%
HSV	292°, 69%, 69%
XYZ	23.7522, 13.2862, 42.9076
YIQ	99.7160, 23.6930, 60.7250

# Conversions

## Conversions Part 2

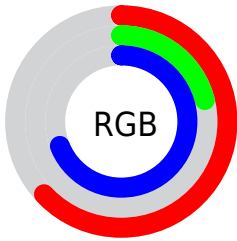
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 54, 177
Decimal	10499761
CIE <sub>Lab</sub>	43.19, 59.80, -44.58
CIE <sub>LCh</sub>	43, 74.588, 323.300
Yxy	13.2862, 0.2971, 0.1662
Android (android.graphics.Color)	4288689841 (0xFFA036B1)
YUV	99.7160, 38.1010, 52.8691
Hunter-Lab	36.4503, 52.5283, -44.2782

# Details

The Hex color **A036B1** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **47B136**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DA6EE9**, and **69007C** is the 20% darker color. If you saturate the color by 10%, you get **9E24B1**, and if you desaturate by 10%, it is **A248B1**.

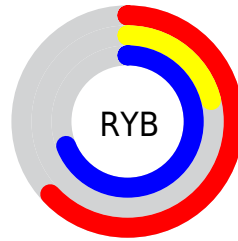
# Distribution



Red (63%)

Green (21%)

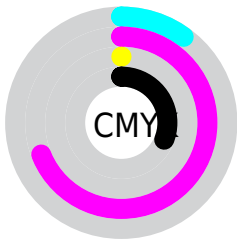
Blue (69%)



Red (63%)

Yellow (21%)

Blue (69%)

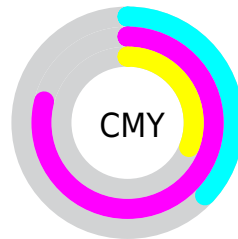


Cyan (10%)

Magenta (69%)

Yellow (0%)

Black (31%)



Cyan (37%)

Magenta (79%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A036B1 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 A036B1 by changing the saturation by 10% instead.



 A036B1

 A036B1

FFFFFF

 841596

 DA6EE9

 69007C

 F789FF

 4D0062

 FFA5FF

 34004A

 FFC1FF

 180032

 FFDEFF

 00011C

 FFFCFF

 000000

 A036B1

 A036B1

 9E24B1

 A248B1

9B13B1

A559B1

9901B1

A76BB1

9900B1

AA7DB1

AC8FB1

AFA0B1

B1B2B1

B4C4B1

B6D5B1

# Harmonies

## Analogous

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



2E5CD9



A036B1



C90077

# Triad

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



A036B1



885F00



008096

# Complementary

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



A036B1



47B136

# 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.



007E56



A036B1



4E7100

# Square

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



A036B1



B44000



007A0B



007DC9

# Rectangle

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



A036B1



CF004E



007A0B



007F81



# Sweetspot

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



A036B1



DFB5E6



3648B1



6F5673



F2F2F2



737373



# Same Dimension

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



A036B1



CB27E6



B13686



585059



840099



16001A



# Inverse Universe

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



B13647



E62741



36B161



595052



990015



1A0004



# Previews

## White Background



This preview shows how the Hex color A036B1 looks on a white background.

## Color Contrast Check

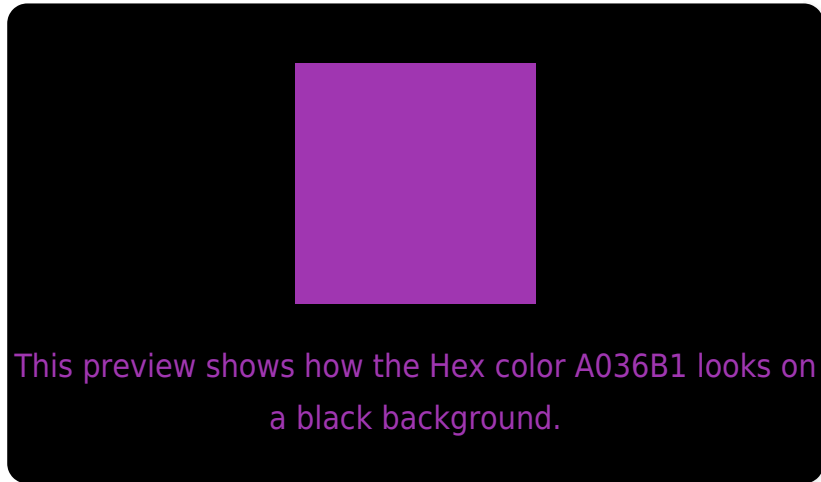
Large Text (above 18pt) WCAG AA ✓ Pass

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

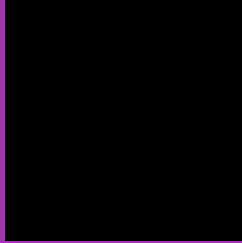
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A036B1 Background



This preview shows how black text looks on a background with the Hex color A036B1.

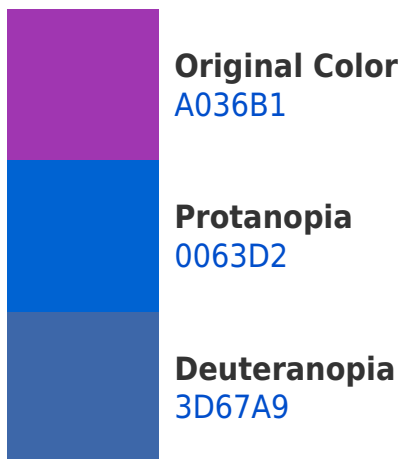


This preview shows how white text looks on a background with the Hex color A036B1.

# 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](#).

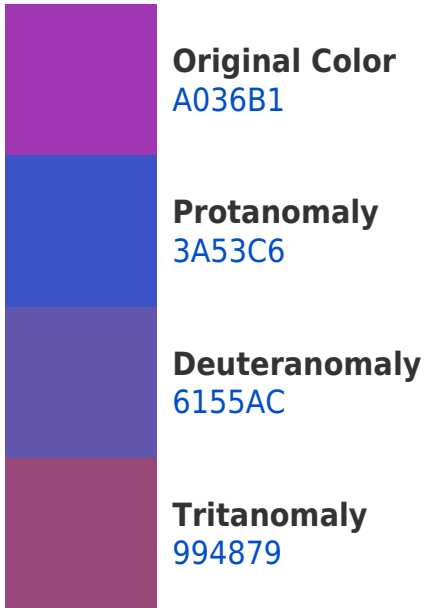
## Dichromacy



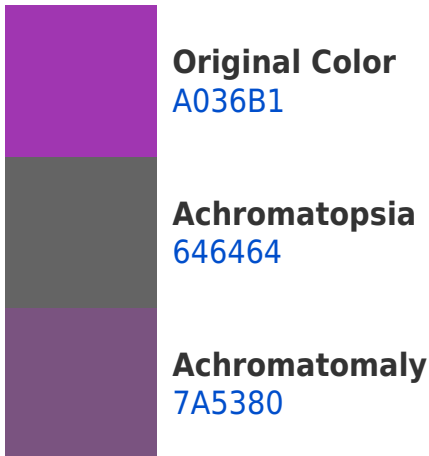


**Tritanopia**  
955359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A036B1 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 #A036B1 looks like.

```
.text, #text, p{  
    color:#A036B1  
}
```

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 #A036B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A036B1
}
```

## Border

The CSS property to change the border of an element to Hex A036B1 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
#A036B1 }
```

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

```
.border{ border-color:#A036B1 }
```

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

Here you see how a box with a 4 pixel #A036B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A036B1; -webkit-box-shadow:4px 4px  
4px 4px #A036B1; box-shadow:4px 4px 4px  
4px #A036B1 }
```

# Background

The CSS property to change the background color of an element to Hex A036B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A036B1 }
```

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

```
.background{ background-color:#A036B1 }
```

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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