

# Converting Colors

Hex(A36EB7)

Have a look what the booklet for  
Hex(A36EB7) contains.

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# **Color**

**Hex(A36EB7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A36EB7
RGB	163, 110, 183
RGB Percent	64%, 43%, 72%
CMY	0.3608, 0.5686, 0.2824
CMYK	0.11, 0.40, 0.00, 0.28
HSL	284°, 34%, 57%
HSV	284°, 40%, 72%
XYZ	29.2274, 22.3573, 47.5747
YIQ	134.1690, 8.1550, 33.9390

# Conversions

## Conversions Part 2

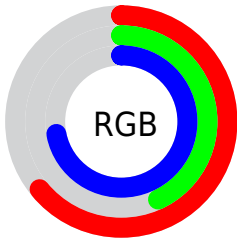
Format	Color
<a href="#">RYB</a>	<a href="#">163, 110, 183</a>
Decimal	<a href="#">10710711</a>
CIELab	<a href="#">54.40, 34.02, -30.38</a>
CIElCh	<a href="#">54, 45.608, 318.236</a>
Yxy	<a href="#">22.3573, 0.2948, 0.2255</a>
Android (android.graphics.Color)	<a href="#">4288900791 (0xFFA36EB7)</a>
YUV	<a href="#">134.1690, 24.0737, 25.2848</a>
Hunter-Lab	<a href="#">47.2835, 27.5904, -26.5567</a>

# Details

The Hex color **A36EB7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **82B76E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DBA3EF**, and **6E3D82** is the 20% darker color. If you saturate the color by 10%, you get **9E5CB7**, and if you desaturate by 10%, it is **A880B7**.

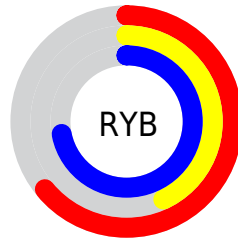
# Distribution



Red (64%)

Green (43%)

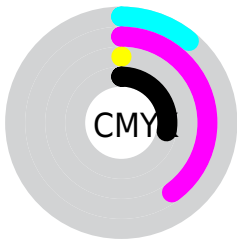
Blue (72%)



Red (64%)

Yellow (43%)

Blue (72%)

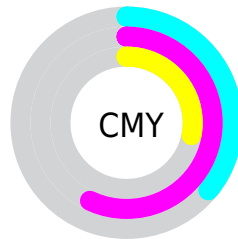


Cyan (11%)

Magenta (40%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (57%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A36EB7 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 A36EB7 by changing the saturation by 10% instead.



 A36EB7

 A36EB7

FFFFFF

 88559C

 DBA3EF

 6E3D82

 F8BEFF

 542568

 FFDAFF

 3C0C50

 FFF7FF

 250039

 010022

 000008

 000000

 A36EB7

 A36EB7

 9E5CB7

 A880B7

 9949B7

 AD93B7

 9437B7

 B2A5B7

 8F25B7

 B7B7B7

 8A13B7

 BCCAB7

 8500B7

 C1DCB7

 C6EEB7

 CBFFB7

 D0FFB7

# Harmonies

## Analogous

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



6A7ECD



A36EB7



C36293

# Triad

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



A36EB7



A67B32



00969A

# Complementary

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



A36EB7



82B76E

# 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.



009571



A36EB7



818733

# Square

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



A36EB7



C06C49



53904B



0093BC

# Rectangle

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



A36EB7



CB6079



53904B



00968C



# Sweetspot

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



A36EB7



E5D1ED



6E83B7



736778



F7F7F7



787878



# Same Dimension

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



A36EB7



CE7BED



B76EA7



59535C



71009C



14001C



# Inverse Universe

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



B76E82



ED7B9B



6EB77E



5C5355



9C002B

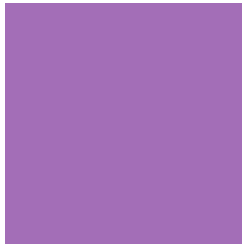


1C0008



# Previews

## White Background



This preview shows how the Hex color A36EB7 looks on a white background.

## Color Contrast Check

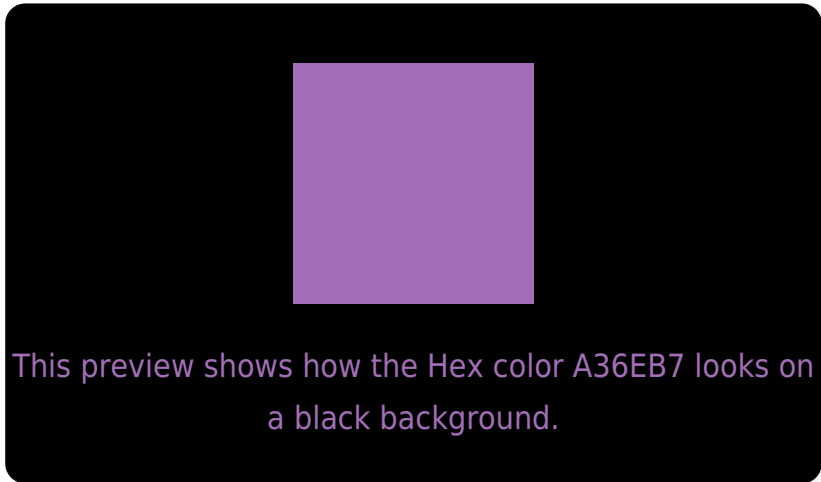
Large Text (above 18pt) WCAG AA ✓ Pass

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

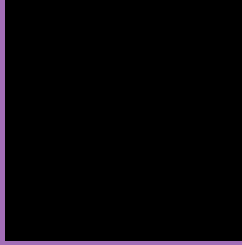
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A36EB7 Background



This preview shows how black text looks on a background with the Hex color A36EB7.

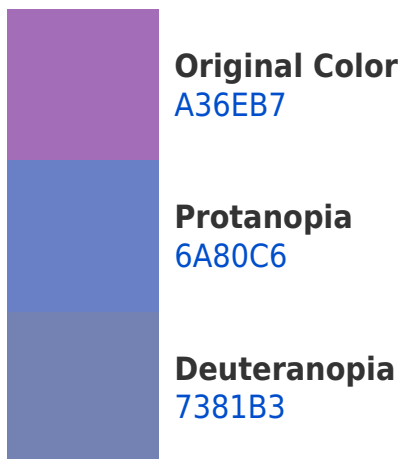


This preview shows how white text looks on a background with the Hex color A36EB7.

# 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**  
9B7983

# Trichromacy



**Original Color**  
A36EB7

**Protanomaly**  
7F79C1

**Deuteranomaly**  
847AB4

**Tritanomaly**  
9E7596

# Monochromacy



**Original Color**  
A36EB7

**Achromatopsia**  
868686

**Achromatomaly**  
917D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A36EB7 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 #A36EB7 looks like.

```
.text, #text, p{  
    color:#A36EB7  
}
```

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 #A36EB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A36EB7
}
```

## Border

The CSS property to change the border of an element to Hex A36EB7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

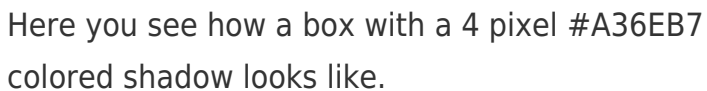
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A36EB7 }
```

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

```
.border{ border-color:#A36EB7 }
```

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



Here you see how a box with a 4 pixel `#A36EB7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A36EB7; -webkit-box-shadow:4px 4px  
4px 4px #A36EB7; box-shadow:4px 4px 4px  
4px #A36EB7 }
```

# Background

The CSS property to change the background color of an element to Hex A36EB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A36EB7 }
```

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

```
.background{ background-color:#A36EB7 }
```

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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