

# Converting Colors

Hex(A671E5)

Have a look what the booklet for  
Hex(A671E5) contains.

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# Color

**Hex(A671E5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A671E5
RGB	166, 113, 229
RGB Percent	65%, 44%, 90%
CMY	0.3490, 0.5569, 0.1020
CMYK	0.28, 0.51, 0.00, 0.10
HSL	267°, 69%, 67%
HSV	267°, 51%, 90%
XYZ	35.7739, 25.5744, 77.1796
YIQ	142.0710, -5.6480, 47.3120

# Conversions

## Conversions Part 2

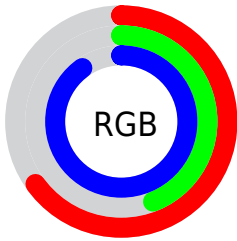
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 113, 229
Decimal	10908133
CIE <sub>Lab</sub>	57.63, 43.63, -51.37
CIE <sub>LCh</sub>	58, 67.401, 310.340
Yxy	25.5744, 0.2582, 0.1846
Android (android.graphics.Color)	4289098213 (0xFFA671E5)
YUV	142.0710, 42.8560, 20.9857
Hunter-Lab	50.5711, 37.7709, -55.0862

# Details

The Hex color **A671E5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B0E571**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **DFA6FF**, and **6E3FAD** is the 20% darker color. If you saturate the color by 10%, you get **9A5AE5**, and if you desaturate by 10%, it is **B288E5**.

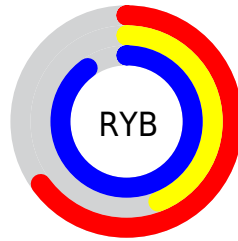
# Distribution



Red (65%)

Green (44%)

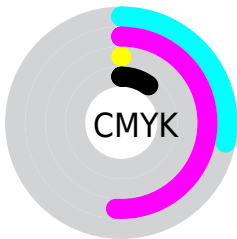
Blue (90%)



Red (65%)

Yellow (44%)

Blue (90%)

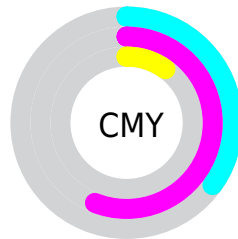


Cyan (28%)

Magenta (51%)

Yellow (0%)

Black (10%)



Cyan (35%)

Magenta (56%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A671E5 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 A671E5 by changing the saturation by 10% instead.



 A671E5

 A671E5

FFFFFF

 8A58C9

 DFA6FF

 6E3FAD

 FDC2FF

 532692

 FFDEFF

 380C77

 FFFBFF

 19005E

 000046

 00042E

 000119

 000000

 A671E5


 A671E5

 9A5AE5

 B288E5

 8D43E5

 BF9FE5

 812CE5

 CBB6E5

 7415E5

 D8CDE5

 6900E5

 E4E3E5

 F1FAE5

 FDFFE5

 FFFFE5

# Harmonies

## Analogous

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



008BFF



A671E5



DF55B3

# Triad

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



A671E5



C57904



00A59E

# Complementary

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



A671E5



B0E571

# 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.



00A360



A671E5



938E00

# Square

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



A671E5



E85F41



519C25



00A4D6

# Rectangle

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



A671E5



F04C8C



519C25



00A589



# Sweetspot

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



A671E5



EAD9FF



71B1E5



736980



000000



808080



# Same Dimension

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



A671E5



AB63FF



DF71E5



6D6773



5200B3



170033



# Inverse Universe

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



E571B0



FF63B8



77E571



73676E



B30061

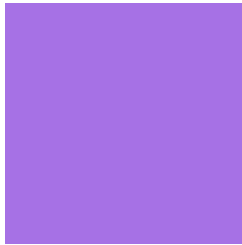


33001C



# Previews

## White Background



This preview shows how the Hex color A671E5 looks on a white background.

## Color Contrast Check

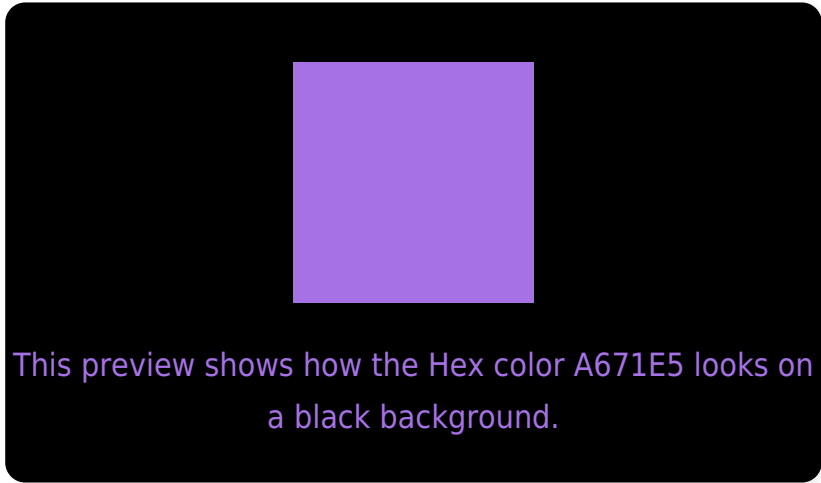
Large Text (above 18pt) WCAG AA ✓ Pass

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 A671E5 Background



This preview shows how black text looks on a background with the Hex color A671E5.

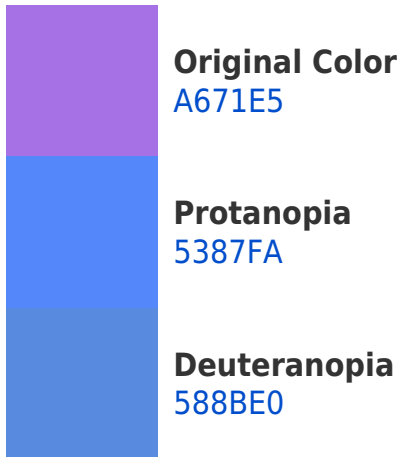


This preview shows how white text looks on a background with the Hex color A671E5.

# 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](#).

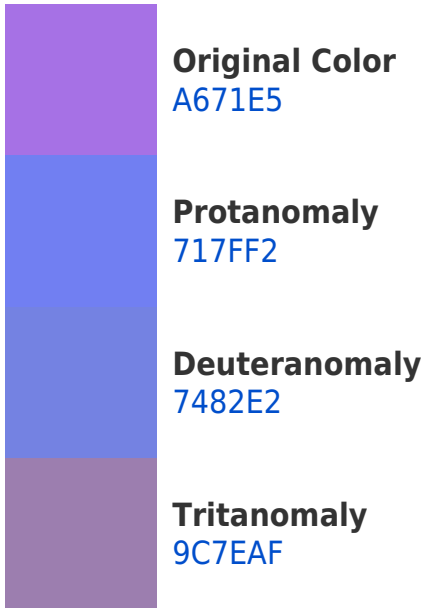
## Dichromacy



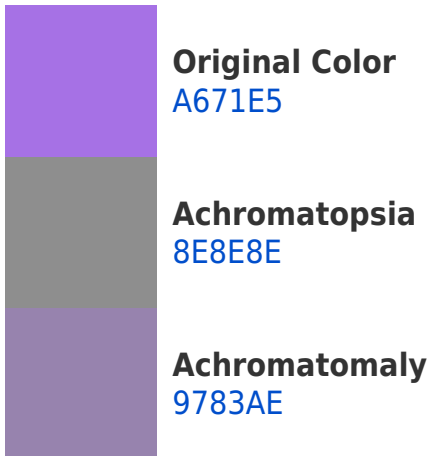


**Tritanopia**  
968690

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A671E5 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 #A671E5 looks like.

```
.text, #text, p{  
    color:#A671E5  
}
```

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 #A671E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A671E5
}
```

## Border

The CSS property to change the border of an element to Hex A671E5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

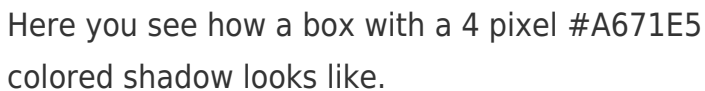
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A671E5 }
```

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

```
.border{ border-color:#A671E5 }
```

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



Here you see how a box with a 4 pixel #A671E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A671E5; -webkit-box-shadow:4px 4px  
4px 4px #A671E5; box-shadow:4px 4px 4px  
4px #A671E5 }
```

# Background

The CSS property to change the background color of an element to Hex A671E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A671E5 }
```

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

```
.background{ background-color:#A671E5 }
```

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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