

# Converting Colors

Hex(A651C7)

Have a look what the booklet for  
Hex(A651C7) contains.

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# Color

**Hex(A651C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A651C7
RGB	166, 81, 199
RGB Percent	65%, 32%, 78%
CMY	0.3490, 0.6824, 0.2196
CMYK	0.17, 0.59, 0.00, 0.22
HSL	283°, 51%, 55%
HSV	283°, 59%, 78%
XYZ	28.9771, 18.1154, 56.0022
YIQ	119.8670, 12.7820, 54.7180

# Conversions

## Conversions Part 2

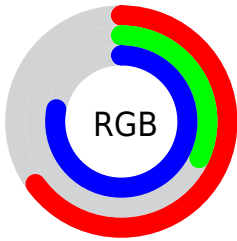
Format	Color
<a href="#">RYB</a>	166, 81, 199
Decimal	10899911
CIELab	49.64, 53.61, -47.08
CIElCh	50, 71.343, 318.710
Yxy	18.1154, 0.2811, 0.1757
Android (android.graphics.Color)	4289089991 (0xFFA651C7)
YUV	119.8670, 39.0126, 40.4586
Hunter-Lab	42.5622, 47.0424, -48.2187

# Details

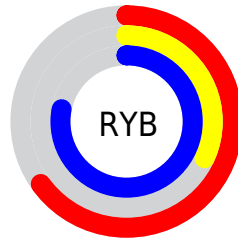
The Hex color **A651C7** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **72C751**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **E086FF**, and **6F1990** is the 20% darker color. If you saturate the color by 10%, you get **A03DC7**, and if you desaturate by 10%, it is **AC65C7**.

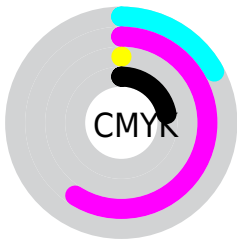
# Distribution



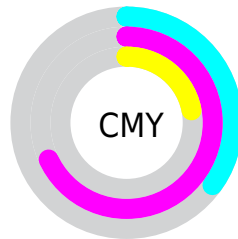
- Red (65%)
- Green (32%)
- Blue (78%)



- Red (65%)
- Yellow (32%)
- Blue (78%)



- Cyan (17%)
- Magenta (59%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (68%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A651C7 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 A651C7 by changing the saturation by 10% instead.



 A651C7

 A651C7

FFFFFF

 8A36AB

 E086FF

 6F1990

 FDA2FF

 540076

 FFBEFF

 39005D

 FFDAFF

 220045

 FFF7FF

 00002D

 000117

 000000

 A651C7

 A651C7

 A03DC7

 AC65C7

 9B29C7

 B179C7

 9515C7

 B78DC7

 9001C7

 BCA1C7

 8F00C7

 C2B5C7

 C7C8C7

 CDDCC7

 D3F0C7

 D8FFC7

# Harmonies

## Analogous

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



2C70EA



A651C7



D52E90

# Triad

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



A651C7



A26B00



00909B

# Complementary

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



A651C7



72C751

# 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.



008F5C



A651C7



6B7F00

# Square

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



A651C7



CA4E17



008A19



008ED1

# Rectangle

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



A651C7



DF2767



008A19



009087



# Sweetspot

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



A651C7



F2D1FF



5172C7



786380



000000



808080



# Same Dimension

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



A651C7



CC4AFF



C751AD



615A63



7600A3



1A0024



# Inverse Universe

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



C75172



FF4A7D



51C76B



635A5C



A3002E

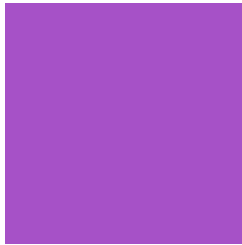


24000A



# Previews

## White Background



This preview shows how the Hex color A651C7 looks on a white background.

## Color Contrast Check

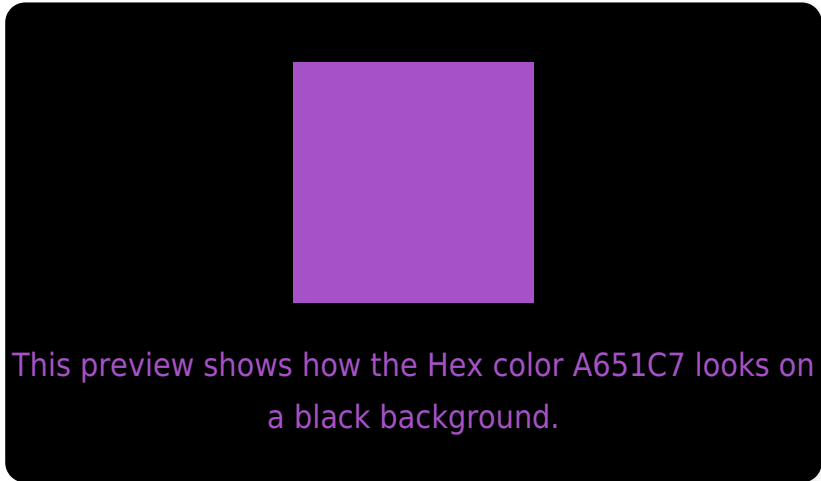
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

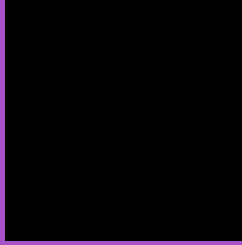
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A651C7 Background



This preview shows how black text looks on a background with the Hex color A651C7.

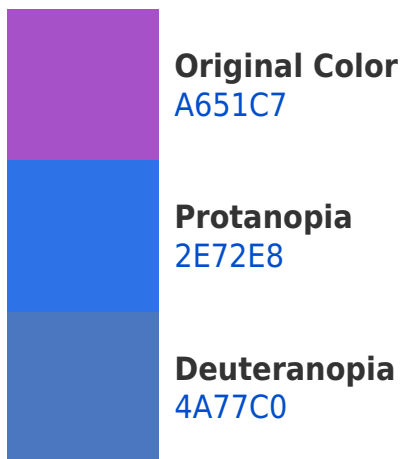



This preview shows how white text looks on a background with the Hex color A651C7.

# 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](#).

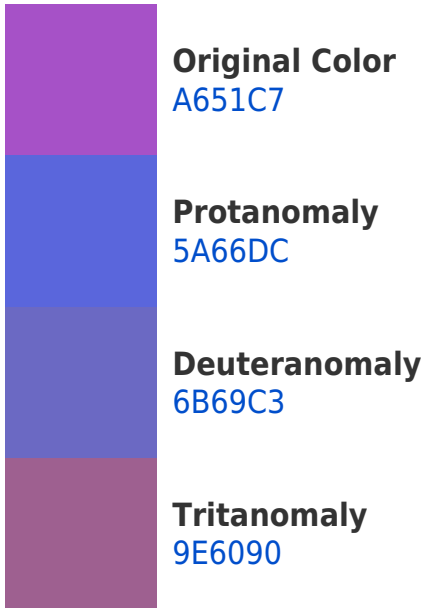
## Dichromacy



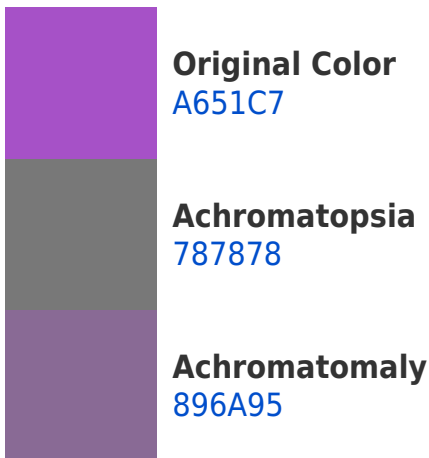


**Tritanopia**  
996971

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A651C7 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 #A651C7 looks like.

```
.text, #text, p{  
    color:#A651C7  
}
```

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 #A651C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A651C7
}
```

## Border

The CSS property to change the border of an element to Hex A651C7 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
#A651C7 }
```

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

```
.border{ border-color:#A651C7 }
```

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

Here you see how a box with a 4 pixel #A651C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A651C7; -webkit-box-shadow:4px 4px  
4px 4px #A651C7; box-shadow:4px 4px 4px  
4px #A651C7 }
```

# Background

The CSS property to change the background color of an element to Hex A651C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A651C7 }
```

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

```
.background{ background-color:#A651C7 }
```

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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