

# Converting Colors

Hex(A577E4)

Have a look what the booklet for  
Hex(A577E4) contains.

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# Color

**Hex(A577E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A577E4
RGB	165, 119, 228
RGB Percent	65%, 47%, 89%
CMY	0.3529, 0.5333, 0.1059
CMYK	0.28, 0.48, 0.00, 0.11
HSL	265°, 67%, 68%
HSV	265°, 48%, 89%
XYZ	36.1175, 26.7944, 76.6670
YIQ	145.1800, -7.5730, 43.6510

# Conversions

## Conversions Part 2

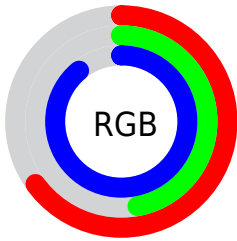
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 119, 228</a>
Decimal	<a href="#">10844132</a>
CIELab	<a href="#">58.78, 39.81, -48.99</a>
CIELCh	<a href="#">59, 63.129, 309.099</a>
Yxy	<a href="#">26.7944, 0.2588, 0.1920</a>
Android (android.graphics.Color)	<a href="#">4289034212 (0xFFA577E4)</a>
YUV	<a href="#">145.1800, 40.8303, 17.3821</a>
Hunter-Lab	<a href="#">51.7633, 33.9612, -51.5805</a>

# Details

The Hex color **A577E4** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **B6E477**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **DEACFF**, and **6E45AC** is the 20% darker color. If you saturate the color by 10%, you get **9860E4**, and if you desaturate by 10%, it is **B28EE4**.

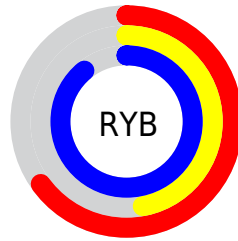
# Distribution



Red (65%)

Green (47%)

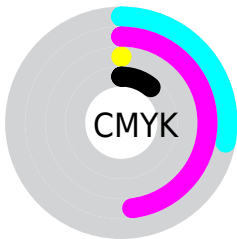
Blue (89%)



Red (65%)

Yellow (47%)

Blue (89%)

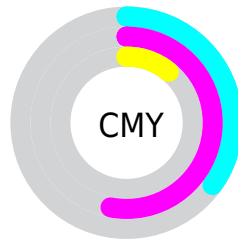


Cyan (28%)

Magenta (48%)

Yellow (0%)

Black (11%)



Cyan (35%)

Magenta (53%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A577E4 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 A577E4 by changing the saturation by 10% instead.



 A577E4

 A577E4

FFFFFF

 895EC8

 DEACFF

 6E45AC

 FCC8FF

 532D91

 FFE4FF

 381577

 1A005D

 000045

 00032E

 000118

 000000

 A577E4

 A577E4

 9860E4

 B28EE4

 8B49E4

 BFA5E4

 7D33E4

 CDBBE4

 701CE4

 DAD2E4

 6305E4

 E7E9E4

 6000E4

 F4FFE4

 FFFFE4

# Harmonies

## Analogous

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



248EFB



A577E4



DC5FB6

# Triad

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



A577E4



C87C1D



00A79D

# Complementary

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



A577E4



B6E477

# 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.



00A564



A577E4



999002

# Square

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



A577E4



E7654A



5D9D2F



00A6D2

# Rectangle

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



A577E4



ED5691



5D9D2F



00A78A



# Sweetspot

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



A577E4



EADBFF



77B7E4



736A80



000000



808080



# Same Dimension

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



A577E4



AB6EFF



DB77E4



6C6773



4B00B3



160033



# Inverse Universe

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



E477B6



FF6EC2



80E477



73676E



B30067

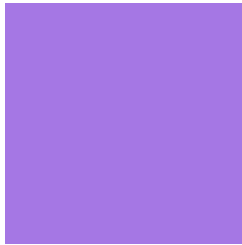


33001D



# Previews

## White Background



This preview shows how the Hex color A577E4 looks on a white background.

## Color Contrast Check

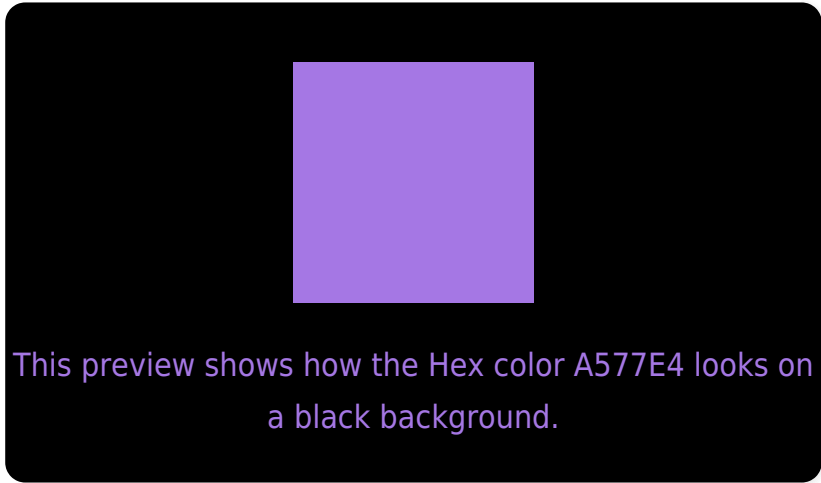
Large Text (above 18pt) WCAG AA ✓ Pass

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 A577E4 Background



This preview shows how black text looks on a background with the Hex color A577E4.

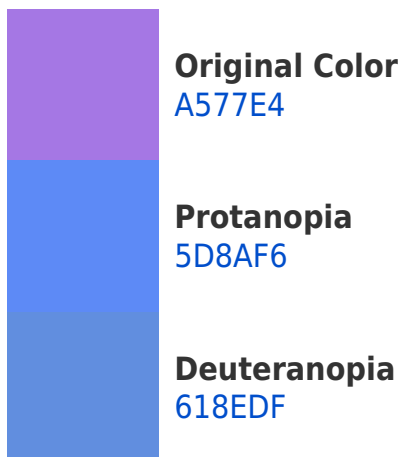


This preview shows how white text looks on a background with the Hex color A577E4.

# 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](#).

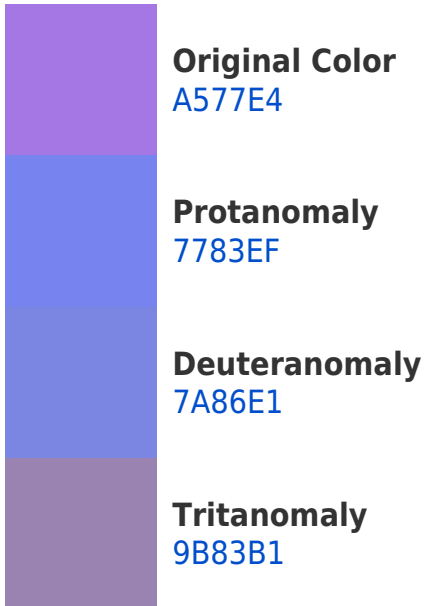
## Dichromacy





**Tritanopia**  
968A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A577E4 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 #A577E4 looks like.

```
.text, #text, p{  
    color:#A577E4  
}
```

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 #A577E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A577E4
}
```

## Border

The CSS property to change the border of an element to Hex A577E4 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
#A577E4 }
```

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

```
.border{ border-color:#A577E4 }
```

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

Here you see how a box with a 4 pixel #A577E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A577E4; -webkit-box-shadow:4px 4px  
4px 4px #A577E4; box-shadow:4px 4px 4px  
4px #A577E4 }
```

# Background

The CSS property to change the background color of an element to Hex A577E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A577E4 }
```

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

```
.background{ background-color:#A577E4 }
```

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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