

# Converting Colors

Hex(A277E5)

Have a look what the booklet for  
Hex(A277E5) contains.

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# Color

**Hex(A277E5)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A277E5                     |
| RGB           | 162, 119, 229              |
| RGB Percent   | 64%, 47%, 90%              |
| CMY           | 0.3647, 0.5333, 0.1020     |
| CMYK          | 0.29, 0.48, 0.00, 0.10     |
| HSL           | 263°, 68%, 68%             |
| HSV           | 263°, 48%, 90%             |
| XYZ           | 35.6400, 26.5322, 77.3715  |
| YIQ           | 144.3970, -9.6820, 43.3260 |

# Conversions

## Conversions Part 2

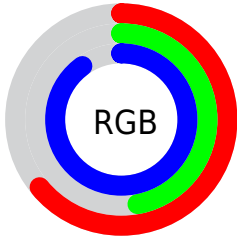
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">162, 119, 229</a>                  |
| Decimal                             | <a href="#">10647525</a>                       |
| CIELab                              | <a href="#">58.54, 39.27, -49.96</a>           |
| CIElCh                              | <a href="#">59, 63.541, 308.167</a>            |
| Yxy                                 | <a href="#">26.5322, 0.2554,<br/>0.1901</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4288837605<br/>(0xFFA277E5)</a>    |
| YUV                                 | <a href="#">144.3970, 41.7093,<br/>15.4378</a> |
| Hunter-Lab                          | <a href="#">51.5094, 33.3649,<br/>-53.0021</a> |

# Details

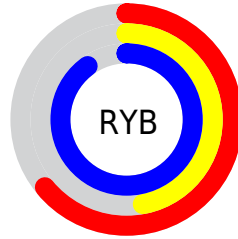
The Hex color **A277E5** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BAE577**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **DBACFF**, and **6B45AD** is the 20% darker color. If you saturate the color by 10%, you get **9460E5**, and if you desaturate by 10%, it is **B08EE5**.

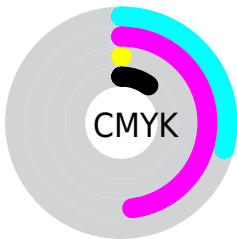
# Distribution



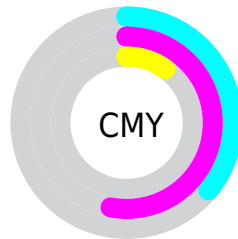
- Red (64%)
- Green (47%)
- Blue (90%)



- Red (64%)
- Yellow (47%)
- Blue (90%)



- Cyan (29%)
- Magenta (48%)
- Yellow (0%)
- Black (10%)



- Cyan (36%)
- Magenta (53%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A277E5 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 A277E5 by changing the saturation by 10% instead.



 A277E5

 A277E5

FFFFFF

 865EC9

 DBACFF

 6B45AD

 F9C8FF

 502D92

 FFE4FF

 341678

 15005E

 000046

 00042E

 000119

 000000

 A277E5

 A277E5

 9460E5

 B08EE5

 8649E5

 BEA5E5

 7832E5

 CCBC E5

 6A1BE5

 DAD3E5

 5C04E5

 E8EAE5

 5A00E5

 F6FFE5

 FFFFE5

# Harmonies

## Analogous

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



0E8EFC



A277E5



DB5EB7

# Triad

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



A277E5



C87B1C



00A79B

# Complementary

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



A277E5



BAE577

# 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.



00A461



A277E5



9A8F00

# Square

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



A277E5



E8634B



5E9D2C



00A5D0

# Rectangle

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



A277E5



ED5593



5E9D2C



00A687



# Sweetspot

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



A277E5



E9DBFF



77BBE5



726A80



000000



808080



# Same Dimension

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



A277E5



A56BFF



D877E5



6C6773



4600B3



140033



# Inverse Universe

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



E577BA



FF6BC5



84E577



73676E



B3006D

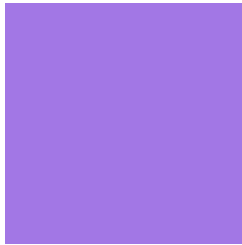


33001F



# Previews

## White Background



This preview shows how the Hex color A277E5 looks on a white background.

## Color Contrast Check

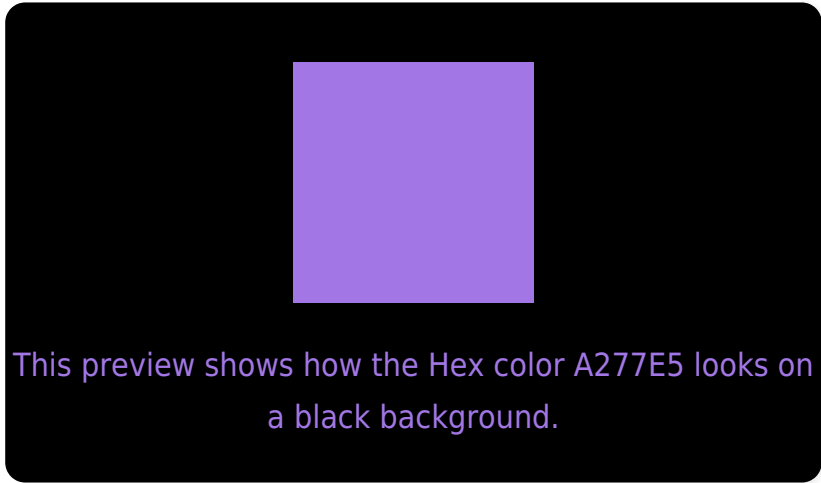
Large Text (above 18pt) WCAG AA ✓ Pass

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

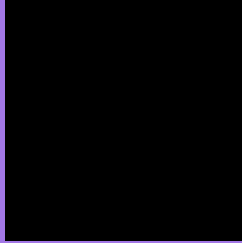
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A277E5 Background



This preview shows how black text looks on a background with the Hex color A277E5.

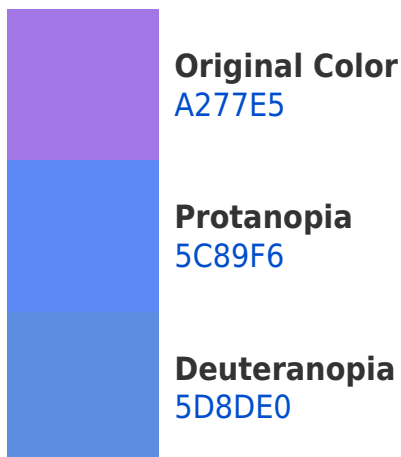



This preview shows how white text looks on a background with the Hex color A277E5.

# 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](#).

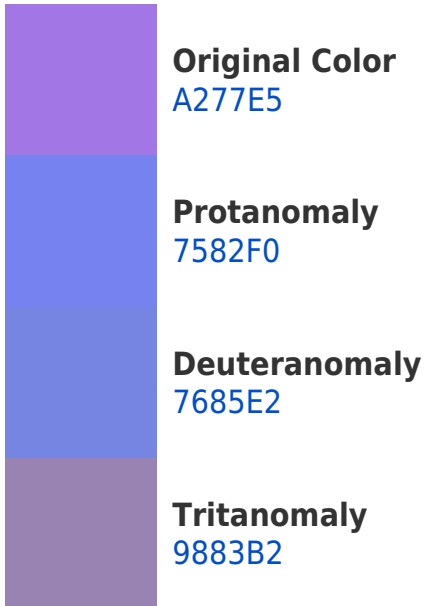
## Dichromacy



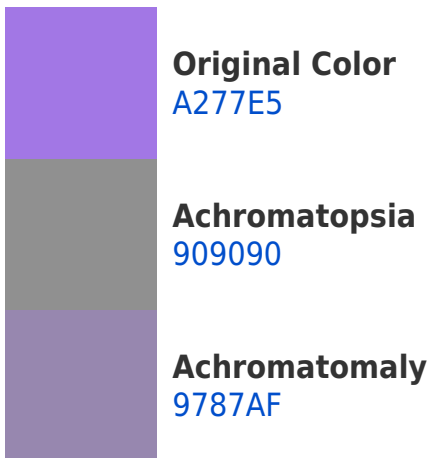


**Tritanopia**  
938A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A277E5 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 #A277E5 looks like.

```
.text, #text, p{  
    color:#A277E5  
}
```

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 #A277E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A277E5
}
```

## Border

The CSS property to change the border of an element to Hex A277E5 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
#A277E5 }
```

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

```
.border{ border-color:#A277E5 }
```

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

Here you see how a box with a 4 pixel #A277E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A277E5; -webkit-box-shadow:4px 4px  
4px 4px #A277E5; box-shadow:4px 4px 4px  
4px #A277E5 }
```

# Background

The CSS property to change the background color of an element to Hex A277E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A277E5 }
```

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

```
.background{ background-color:#A277E5 }
```

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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