

Converting Colors

Hex(A166ED)

Have a look what the booklet for
Hex(A166ED) contains.

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Color

Hex(A166ED)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A166ED |
| RGB | 161, 102, 237 |
| RGB Percent | 63%, 40%, 93% |
| CMY | 0.3686, 0.6000, 0.0706 |
| CMYK | 0.32, 0.57, 0.00, 0.07 |
| HSL | 266°, 79%, 66% |
| HSV | 266°, 57%, 93% |
| XYZ | 34.7354, 23.1942, 82.7669 |
| YIQ | 135.0310, -8.1710, 54.4930 |

Conversions

Conversions Part 2

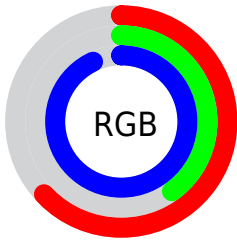
| Format | Color |
|-------------------------------------|--|
| RYB | 161, 102, 237 |
| Decimal | 10577645 |
| CIELab | 55.27, 50.27, -59.65 |
| CIELCh | 55, 78.004, 310.125 |
| Yxy | 23.1942, 0.2469, 0.1649 |
| Android (android.graphics.Color) | 4288767725 (0xFFA166ED) |
| YUV | 135.0310, 50.2707, 22.7748 |
| Hunter-Lab | 48.1604, 44.4613, -68.1817 |

Details

The Hex color **A166ED** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **B2ED66**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **DB9BFF**, and **6833B4** is the 20% darker color. If you saturate the color by 10%, you get **944EED**, and if you desaturate by 10%, it is **AE7EED**.

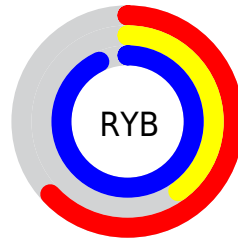
Distribution



Red (63%)

Green (40%)

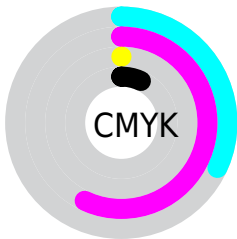
Blue (93%)



Red (63%)

Yellow (40%)

Blue (93%)

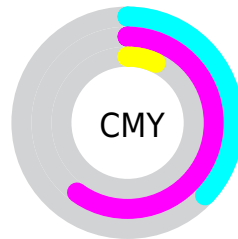


Cyan (32%)

Magenta (57%)

Yellow (0%)

Black (7%)



Cyan (37%)

Magenta (60%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color A166ED 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 A166ED by changing the saturation by 10% instead.

 A166ED

 A166ED

FFFFFF

 844CD0

 DB9BFF

 6833B4

 F9B7FF

 4C1999

 FFD3FF

 2D007E

 FFEFFF

 030064

 00004C

 000434

 00021E

 000000

 A166ED

 A166ED

 944EED

 AE7EED

 8637ED

 BC95ED

 791FED

 C9ADED

 6C07ED

 D6C5ED

 6800ED

 E4DCED

 F1F4ED

 FEFFED

 FFFFED

Harmonies

Analogous

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



0086FF



A166ED



E43EB4

Triad

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



A166ED



C47000



00A29A

Complementary

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



A166ED



B2ED66

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.



009F53



A166ED



8B8900

Square

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



A166ED



EB4D2F



3B9700



00A0DB

Rectangle

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



A166ED



F72B87



3B9700



00A183

Sweetspot

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



A166ED



E7D4FF



66B3ED



716680



000000



808080

Same Dimension

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



A166ED



9D52FF



E466ED



6F6A75



4F00B5



170036

Inverse Universe

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



ED66B2



FF52B3



6FED66



756A70



B50066



36001E

Previews

White Background



This preview shows how the Hex color A166ED 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 A166ED Background



This preview shows how black text looks on a background with the Hex color A166ED.

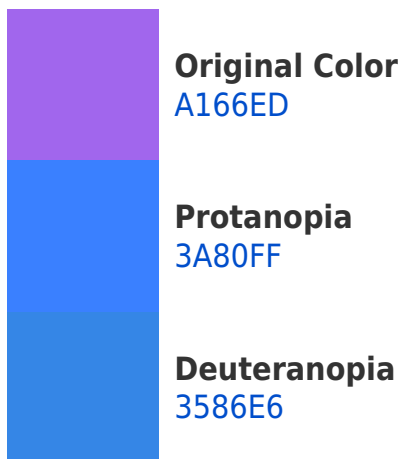


This preview shows how white text looks on a background with the Hex color A166ED.

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](#).

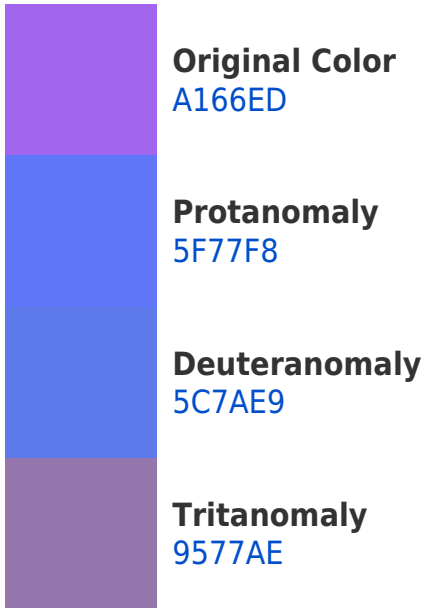
Dichromacy



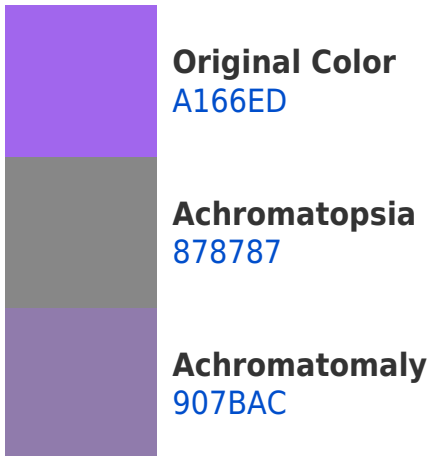


Tritanopia
8E808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A166ED 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 #A166ED looks like.

```
.text, #text, p{  
    color:#A166ED  
}
```

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 #A166ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A166ED
}
```

Border

The CSS property to change the border of an element to Hex A166ED 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
#A166ED }
```

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

```
.border{ border-color:#A166ED }
```

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

Here you see how a box with a 4 pixel #A166ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A166ED; -webkit-box-shadow:4px 4px  
4px 4px #A166ED; box-shadow:4px 4px 4px  
4px #A166ED }
```

Background

The CSS property to change the background color of an element to Hex A166ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A166ED }
```

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

```
.background{ background-color:#A166ED }
```

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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