

# Converting Colors

Hex(A582E0)

Have a look what the booklet for  
Hex(A582E0) contains.

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# **Color**

**Hex(A582E0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A582E0
RGB	165, 130, 224
RGB Percent	65%, 51%, 88%
CMY	0.3529, 0.4902, 0.1216
CMYK	0.26, 0.42, 0.00, 0.12
HSL	262°, 60%, 69%
HSV	262°, 42%, 88%
XYZ	36.9542, 29.3464, 74.2377
YIQ	151.1810, -9.3140, 36.6540

# Conversions

## Conversions Part 2

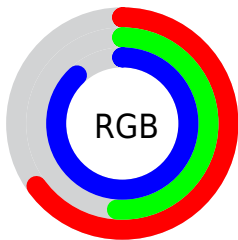
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 130, 224
Decimal	10846944
CIE <sub>Lab</sub>	61.09, 32.66, -43.12
CIE <sub>LCh</sub>	61, 54.097, 307.143
Yxy	29.3464, 0.2629, 0.2088
Android (android.graphics.Color)	4289037024 (0xFFA582E0)
YUV	151.1810, 35.8998, 12.1193
Hunter-Lab	54.1723, 26.9641, -43.3304

# Details

The Hex color **A582E0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **BDE082**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DEB7FF**, and **6F50A8** is the 20% darker color. If you saturate the color by 10%, you get **976CE0**, and if you desaturate by 10%, it is **B398E0**.

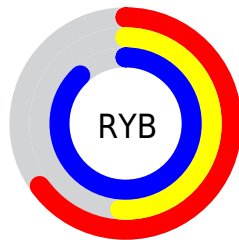
# Distribution



Red (65%)

Green (51%)

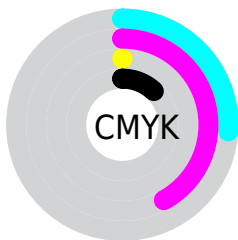
Blue (88%)



Red (65%)

Yellow (51%)

Blue (88%)

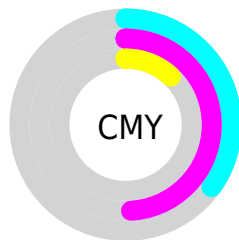


Cyan (26%)

Magenta (42%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (49%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A582E0 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 A582E0 by changing the saturation by 10% instead.



 A582E0

 A582E0

FFFFFF

 8A69C4

 DEB7FF

 6F50A8

 FBD3FF

 54388D

 FFF0FF

 3A2273

 1F0B5A

 060042

 00032B

 000116

 000000

 A582E0

 A582E0

 976CE0

 B398E0

 8955E0

 C1AFE0

 7B3FE0

 CFC5E0

 6D28E0

 DDDCE0

 5F12E0

 EBF2E0

 5300E0

 F9FFE0

 FFFFE0

# Harmonies

## Analogous

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



4A95F2



A582E0



D76FBA

# Triad

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



A582E0



CB8439



00AB9E

# Complementary

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



A582E0



BDE082

# 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.



18A86C



A582E0



A3952D

# Square

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



A582E0



E5715C



70A143



00A9CC

# Rectangle

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



A582E0



E7699A



70A143



00AA8D



# Sweetspot

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



A582E0



EADEFF



82BEE0



736B80



000000



808080



# Same Dimension

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



A582E0



AF80FF



D382E0



696570



4200B0



120030



# Inverse Universe

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



E082BD



FF80D0



8FE082



70656C



B0006E

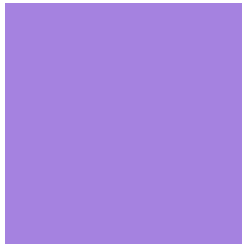


30001E



# Previews

## White Background



This preview shows how the Hex color A582E0 looks on a white background.

## Color Contrast Check

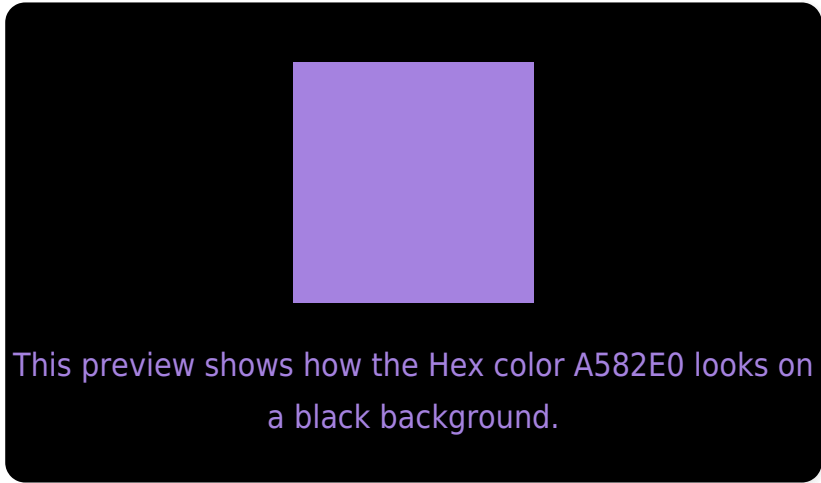
Large Text (above 18pt) WCAG AA ✓ Pass

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

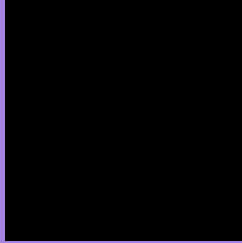
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A582E0 Background



This preview shows how black text looks on a background with the Hex color A582E0.

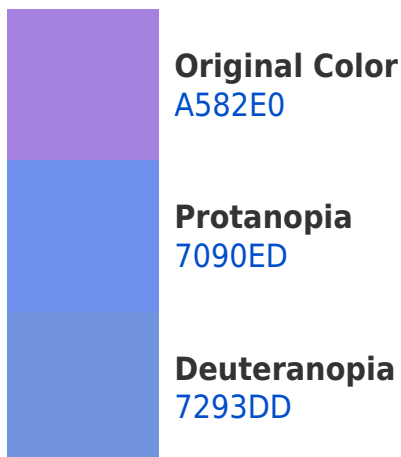



This preview shows how white text looks on a background with the Hex color A582E0.

# 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](#).

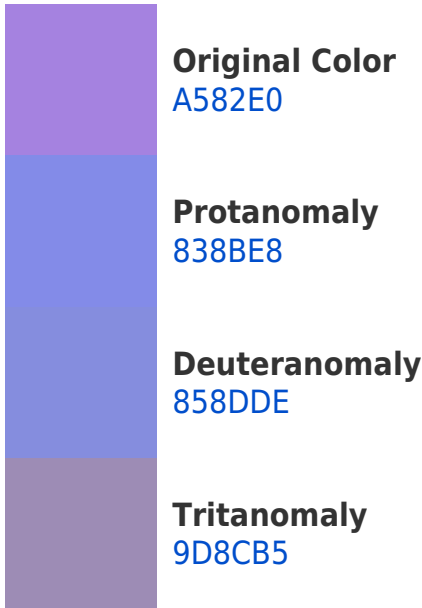
## Dichromacy



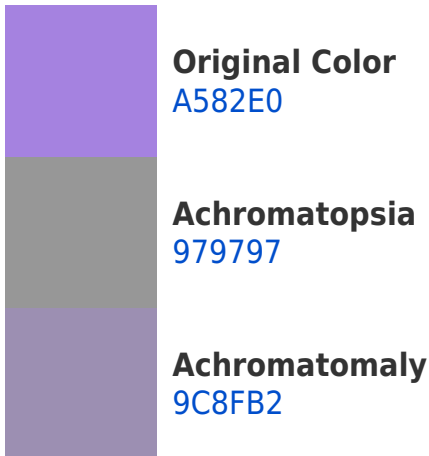


**Tritanopia**  
98919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A582E0 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 #A582E0 looks like.

```
.text, #text, p{  
    color:#A582E0  
}
```

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 #A582E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A582E0
}
```

## Border

The CSS property to change the border of an element to Hex A582E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

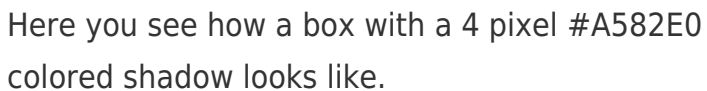
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A582E0 }
```

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

```
.border{ border-color:#A582E0 }
```

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



Here you see how a box with a 4 pixel #A582E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A582E0; -webkit-box-shadow:4px 4px  
4px 4px #A582E0; box-shadow:4px 4px 4px  
4px #A582E0 }
```

# Background

The CSS property to change the background color of an element to Hex A582E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A582E0 }
```

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

```
.background{ background-color:#A582E0 }
```

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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