

# Converting Colors

Hex(A572C0)

Have a look what the booklet for  
Hex(A572C0) contains.

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# **Color**

**Hex(A572C0)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A572C0                    |
| RGB           | 165, 114, 192             |
| RGB Percent   | 65%, 45%, 75%             |
| CMY           | 0.3529, 0.5529, 0.2471    |
| CMYK          | 0.14, 0.41, 0.00, 0.25    |
| HSL           | 279°, 38%, 60%            |
| HSV           | 279°, 41%, 75%            |
| XYZ           | 31.0488, 23.8397, 52.8342 |
| YIQ           | 138.1410, 5.3580, 35.0700 |

# Conversions

## Conversions Part 2

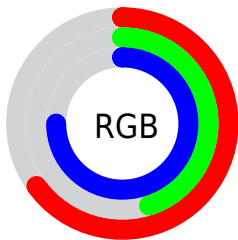
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">165, 114, 192</a>                  |
| Decimal                             | <a href="#">10842816</a>                       |
| CIELab                              | <a href="#">55.93, 34.32, -33.15</a>           |
| CIELCh                              | <a href="#">56, 47.719, 315.997</a>            |
| Yxy                                 | <a href="#">23.8397, 0.2882,<br/>0.2213</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289032896<br/>(0xFFA572C0)</a>    |
| YUV                                 | <a href="#">138.1410, 26.5525,<br/>23.5553</a> |
| Hunter-Lab                          | <a href="#">48.8259, 28.0641,<br/>-29.9792</a> |

# Details

The Hex color **A572C0** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **8DC072**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **DDA7F9**, and **70408A** is the 20% darker color. If you saturate the color by 10%, you get **9E5FC0**, and if you desaturate by 10%, it is **AC85C0**.

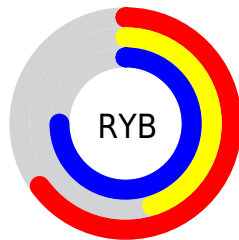
# Distribution



Red (65%)

Green (45%)

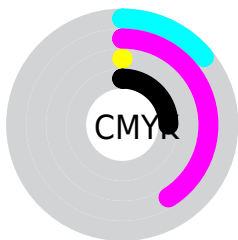
Blue (75%)



Red (65%)

Yellow (45%)

Blue (75%)

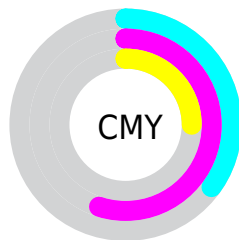


Cyan (14%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (55%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A572C0 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 A572C0 by changing the saturation by 10% instead.



 A572C0

 A572C0

FFFFFF

 8A59A5

 DDA7F9

 70408A

 FAC2FF

 562970

 FFDEFF

 3D1158

 FFFBFF

 250040

 090029

 000113

 000000

 A572C0

 A572C0

9E5FC0

AC85C0

984CC0

B298C0

9138C0

B9ACC0

8A25C0

C0BFC0

8412C0

C6D2C0

7E00C0

CDE5C0

D4F8C0

DAFFC0

E1FFC0

# Harmonies

## Analogous

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



6683D6



A572C0



C8649B

# Triad

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



A572C0



AE7D33



009B9C

# Complementary

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



A572C0



8DC072

# 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.



009971



A572C0



888B31

# Square

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



A572C0



C86D4C



59944A



0098C1

# Rectangle

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



A572C0



D2617F



59944A



009B8D



# Sweetspot

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



A572C0



F0DCFA



728DC0



776B7D



FCFCFC



7D7D7D



# Same Dimension

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



A572C0



D07FFA



C072B4



5E5761



6900A1



160021



# Inverse Universe

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



C0728D



FA7FAA



72C07E



61575B



A10038

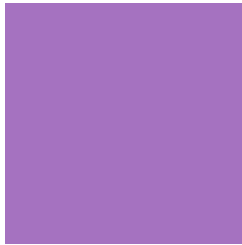


21000B



# Previews

## White Background



This preview shows how the Hex color A572C0 looks on a white background.

## Color Contrast Check

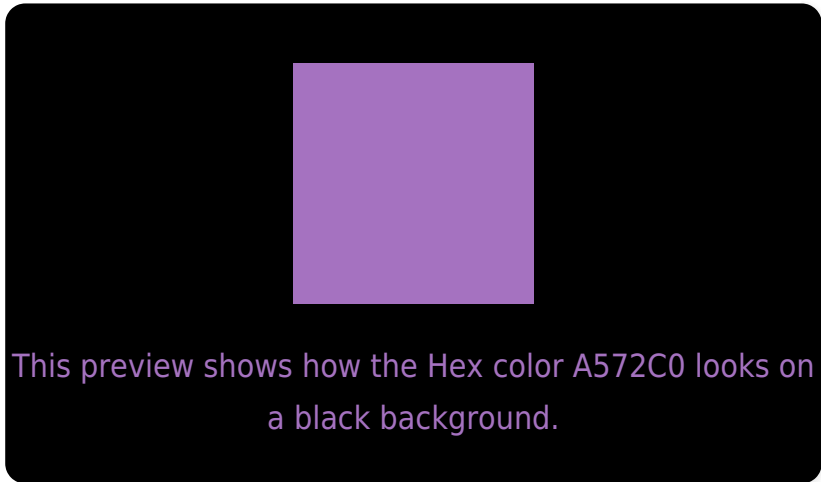
Large Text (above 18pt) WCAG AA ✓ Pass

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

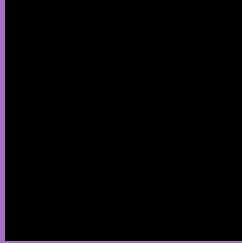
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A572C0 Background



This preview shows how black text looks on a background with the Hex color A572C0.

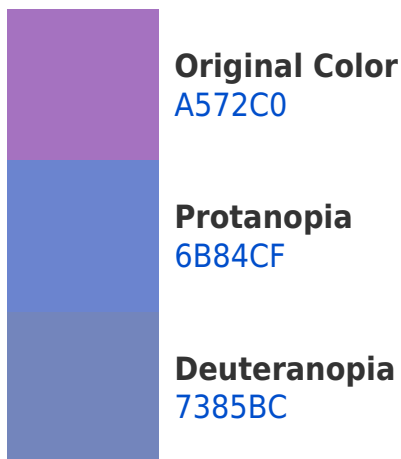


This preview shows how white text looks on a background with the Hex color A572C0.

# 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](#).

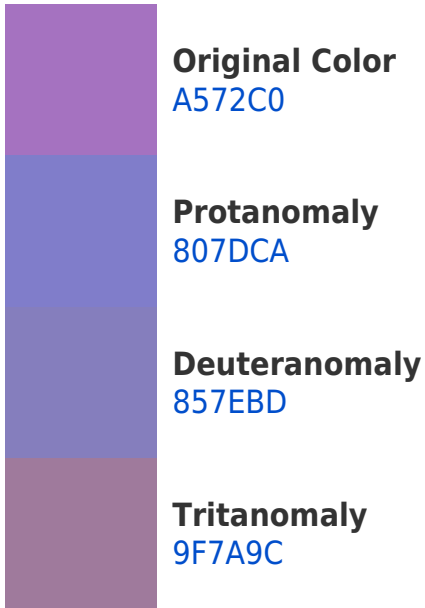
## Dichromacy



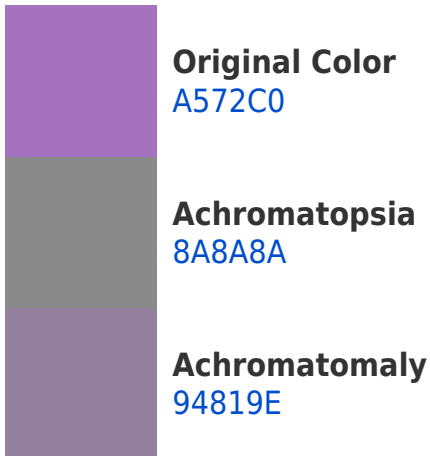


**Tritanopia**  
9C7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A572C0 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 #A572C0 looks like.

```
.text, #text, p{  
    color:#A572C0  
}
```

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 #A572C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A572C0
}
```

## Border

The CSS property to change the border of an element to Hex A572C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

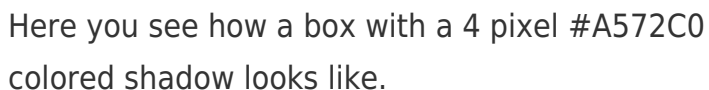
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A572C0 }
```

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

```
.border{ border-color:#A572C0 }
```

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



Here you see how a box with a 4 pixel #A572C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A572C0; -webkit-box-shadow:4px 4px  
4px 4px #A572C0; box-shadow:4px 4px 4px  
4px #A572C0 }
```

# Background

The CSS property to change the background color of an element to Hex A572C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A572C0 }
```

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

```
.background{ background-color:#A572C0 }
```

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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