

# Converting Colors

Hex(A502C6)

Have a look what the booklet for  
Hex(A502C6) contains.

<b>Hex(A502C6)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(A502C6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A502C6
RGB	165, 2, 198
RGB Percent	65%, 1%, 78%
CMY	0.3529, 0.9922, 0.2235
CMYK	0.17, 0.99, 0.00, 0.22
HSL	290°, 98%, 39%
HSV	290°, 99%, 78%
XYZ	25.7318, 12.1200, 54.4093
YIQ	73.0810, 34.2320, 95.5120

# Conversions

## Conversions Part 2

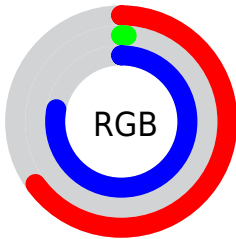
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 2, 198
Decimal	10814150
CIELab	41.41, 76.01, -59.73
CIElCh	41, 96.676, 321.840
Yxy	12.1200, 0.2789, 0.1314
Android (android.graphics.Color)	4289004230 (0xFFA502C6)
YUV	73.0810, 61.5851, 80.6130
Hunter-Lab	34.8137, 71.0102, -68.2928

# Details

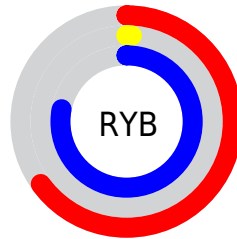
The Hex color **A502C6** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **23C602**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E055FF**, and **6B008F** is the 20% darker color. If you saturate the color by 10%, you get **A500C6**, and if you desaturate by 10%, it is **A816C6**.

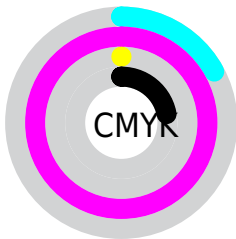
# Distribution



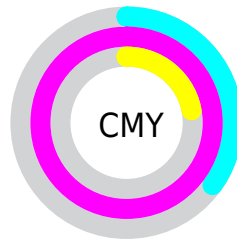
- Red (65%)
- Green (1%)
- Blue (78%)



- Red (65%)
- Yellow (1%)
- Blue (78%)



- Cyan (17%)
- Magenta (99%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (99%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A502C6 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 A502C6 by changing the saturation by 10% instead.



 A502C6

 A502C6

FFFFFF

 8800AA

 E055FF

 6B008F

 FF73FF

 4E0075

 FF90FF

 33005B

 FFADFF

 100043

 FFCAFF

 00032B

 FFE8FF

 000115

 000000

 A502C6

 A502C6

 A500C6

 A816C6

 AC2AC6

 AF3DC6

 B251C6

 B665C6

 B979C6

 BC8DC6

 C0A0C6

 C3B4C6

# Harmonies

## Analogous

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



0058FA



A502C6



DC007B

# Triad

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



A502C6



8A5700



007F9C

# Complementary

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



A502C6



23C602

# 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.



007D49



A502C6



3D6F00

# Square

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



A502C6



C01F00



007900



007EE0

# Rectangle

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



A502C6



E30047



007900



007F81



# Sweetspot

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



A502C6



F2B3FF



0226C6



785280



000000



808080



# Same Dimension

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



A502C6



D400FF



C60288



625A63



8800A3



1E0024



# Inverse Universe

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



C60223



FF002B



02C640



635A5B



A3001B



240006



# Previews

## White Background



This preview shows how the Hex color A502C6 looks on a white background.

## Color Contrast Check

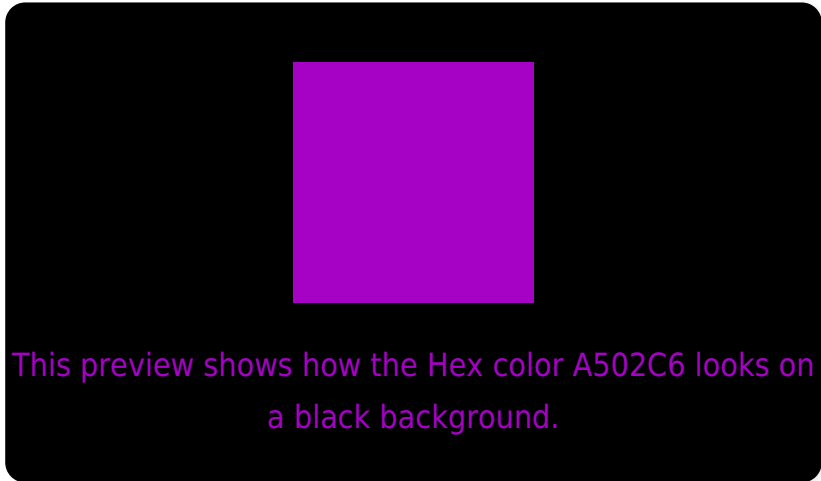
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

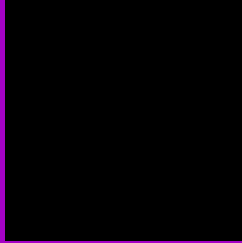
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A502C6 Background



This preview shows how black text looks on a background with the Hex color A502C6.

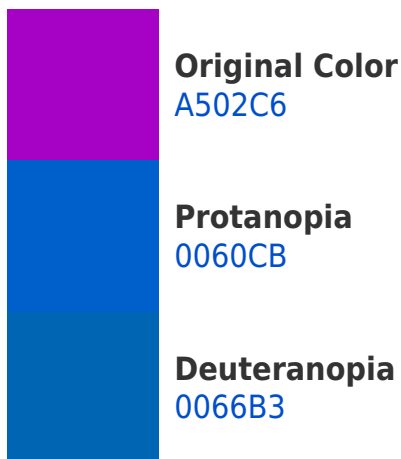



This preview shows how white text looks on a background with the Hex color A502C6.

# 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**  
954E53

# Trichromacy



**Original Color**  
A502C6



**Protanomaly**  
3C3EC9



**Deuteranomaly**  
3C42BA



**Tritanomaly**  
9B327D

# Monochromacy



**Original Color**  
A502C6



**Achromatopsia**  
494949



**Achromatomaly**  
6A2F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A502C6 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 #A502C6 looks like.

```
.text, #text, p{  
    color:#A502C6  
}
```

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 #A502C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A502C6
}
```

## Border

The CSS property to change the border of an element to Hex A502C6 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
#A502C6 }
```

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

```
.border{ border-color:#A502C6 }
```

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

Here you see how a box with a 4 pixel #A502C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A502C6; -webkit-box-shadow:4px 4px  
4px 4px #A502C6; box-shadow:4px 4px 4px  
4px #A502C6 }
```

# Background

The CSS property to change the background color of an element to Hex A502C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A502C6 }
```

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

```
.background{ background-color:#A502C6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**