

Converting Colors

Hex(A166B9)

Have a look what the booklet for
Hex(A166B9) contains.

Hex(A166B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A166B9)

Conversions

Conversions Part 1

Format	Color
Hex	A166B9
RGB	161, 102, 185
RGB Percent	63%, 40%, 73%
CMY	0.3686, 0.6000, 0.2745
CMYK	0.13, 0.45, 0.00, 0.27
HSL	283°, 37%, 56%
HSV	283°, 45%, 73%
XYZ	28.2063, 20.5826, 48.3851
YIQ	129.1030, 8.5210, 38.3210

Conversions

Conversions Part 2

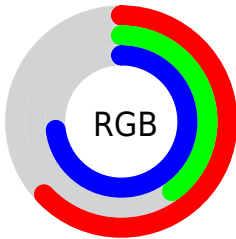
Format	Color
R_{YB}	161, 102, 185
Decimal	10577593
CIE _{Lab}	52.49, 38.29, -34.54
CIE _{LCh}	52, 51.567, 317.954
Yxy	20.5826, 0.2903, 0.2118
Android (android.graphics.Color)	4288767673 (0xFFA166B9)
YUV	129.1030, 27.5572, 27.9737
Hunter-Lab	45.3680, 31.5831, -31.4753

Details

The Hex color **A166B9** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **7EB966**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D99AF1**, and **6C3483** is the 20% darker color. If you saturate the color by 10%, you get **9C54B9**, and if you desaturate by 10%, it is **A679B9**.

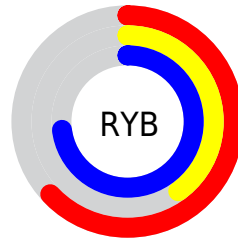
Distribution



Red (63%)

Green (40%)

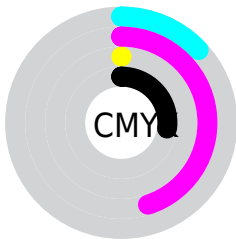
Blue (73%)



Red (63%)

Yellow (40%)

Blue (73%)

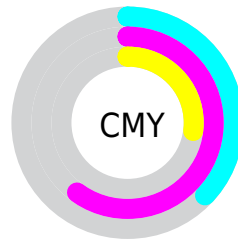


Cyan (13%)

Magenta (45%)

Yellow (0%)

Black (27%)



Cyan (37%)

Magenta (60%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color A166B9 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 A166B9 by changing the saturation by 10% instead.

 A166B9

 A166B9

FFFFFF

 864D9E

 D99AF1

 6C3483

 F6B6FF

 521C6A

 FFD2FF

 390151

 FFEEFF

 22003A

 000023

 00000B

 000000

 A166B9

 A166B9

9C54B9

A679B9

9641B9

AC8BB9

912FB9

B19DB9

8C1CB9

B6B0B9

8609B9

BCC3B9

8400B9

C1D5B9

C6E8B9

CCFAB9

D1FFB9

Harmonies

Analogous

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



5D79D2



A166B9



C55691

Triad

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



A166B9



A37520



009397

Complementary

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



A166B9



7EB966

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.



009169



A166B9



7B8320

Square

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



A166B9



C1633D



468D3F



0090BE

Rectangle

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



A166B9



CE5473



468D3F



009388

Sweetspot

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



A166B9



E7D1F0



667FB9



726578



F7F7F7



787878

Same Dimension

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



A166B9



CA6EF0



B966A8



59535C



6F009C



14001C

Inverse Universe

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



B9667E



F06E94



66B977



5C5355



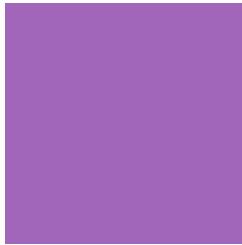
9C002D



1C0008

Previews

White Background



This preview shows how the Hex color A166B9 looks on a white background.

Color Contrast Check

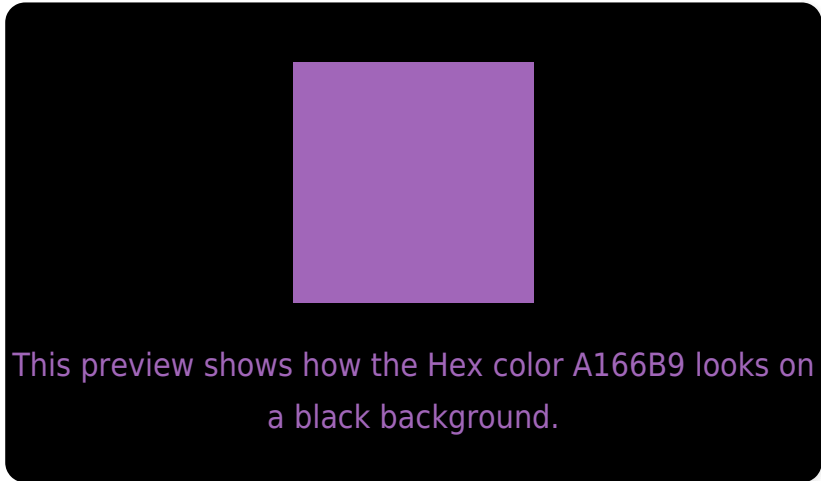
Large Text (above 18pt) WCAG AA ✓ Pass

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

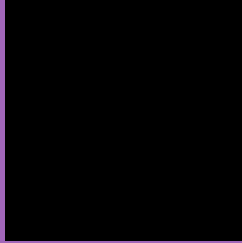
Any Text WCAG AA ✓ Pass

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 A166B9 Background



This preview shows how black text looks on a background with the Hex color A166B9.

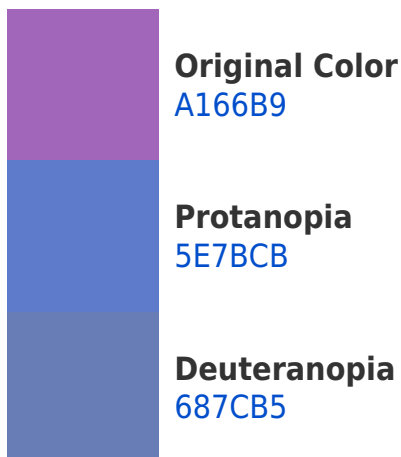


This preview shows how white text looks on a background with the Hex color A166B9.

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](#).

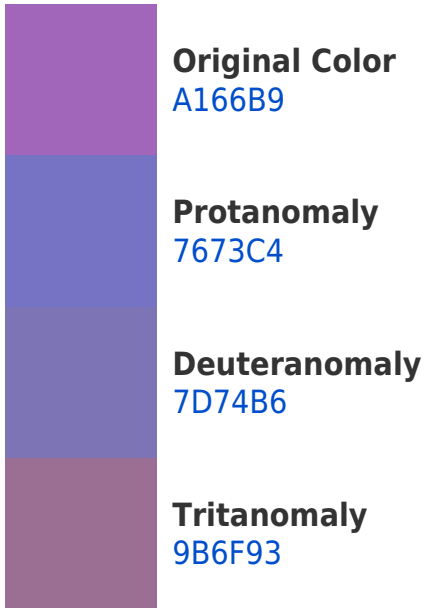
Dichromacy



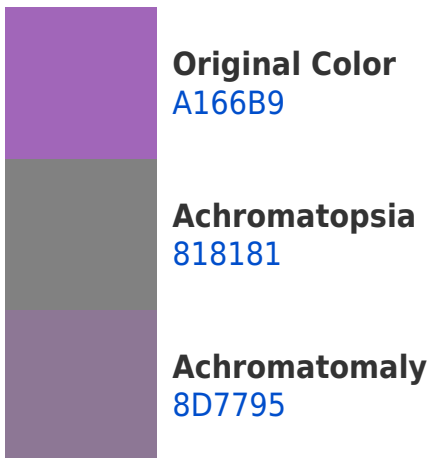


Tritanopia
98747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A166B9 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 #A166B9 looks like.

```
.text, #text, p{  
    color:#A166B9  
}
```

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 #A166B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A166B9
}
```

Border

The CSS property to change the border of an element to Hex A166B9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

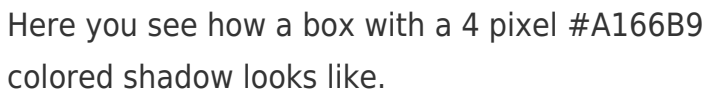
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A166B9 }
```

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

```
.border{ border-color:#A166B9 }
```

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



Here you see how a box with a 4 pixel #A166B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A166B9; -webkit-box-shadow:4px 4px  
4px 4px #A166B9; box-shadow:4px 4px 4px  
4px #A166B9 }
```

Background

The CSS property to change the background color of an element to Hex A166B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A166B9 }
```

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

```
.background{ background-color:#A166B9 }
```

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