

Converting Colors

Hex(A61CAA)

Have a look what the booklet for
Hex(A61CAA) contains.

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Color

Hex(A61CAA)

Conversions

Conversions Part 1

Format	Color
Hex	A61CAA
RGB	166, 28, 170
RGB Percent	65%, 11%, 67%
CMY	0.3490, 0.8902, 0.3333
CMYK	0.02, 0.84, 0.00, 0.33
HSL	298°, 72%, 39%
HSV	298°, 84%, 67%
XYZ	23.3968, 11.8398, 39.0824
YIQ	85.4500, 36.6660, 73.4180

Conversions

Conversions Part 2

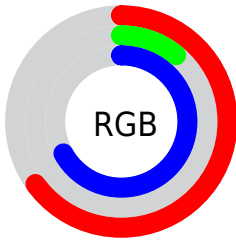
Format	Color
R_{YB}	166, 28, 170
Decimal	10886314
CIE _{Lab}	40.96, 67.84, -43.93
CIE _{LCh}	41, 80.821, 327.076
Yxy	11.8398, 0.3148, 0.1593
Android (android.graphics.Color)	4289076394 (0xFFA61CAA)
YUV	85.4500, 41.6832, 70.6424
Hunter-Lab	34.4090, 61.1577, -43.2564

Details

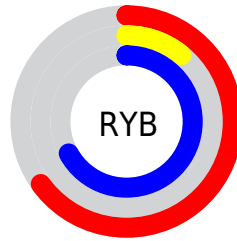
The Hex color **A61CAA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **20AA1C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E05DE2**, and **6D0075** is the 20% darker color. If you saturate the color by 10%, you get **A60BAA**, and if you desaturate by 10%, it is **A62DAA**.

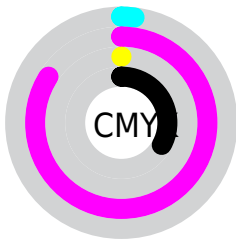
Distribution



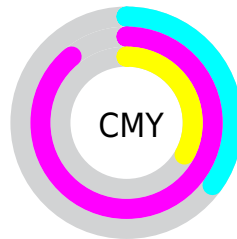
- Red (65%)
- Green (11%)
- Blue (67%)



- Red (65%)
- Yellow (11%)
- Blue (67%)



- Cyan (2%)
- Magenta (84%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (89%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A61CAA 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 A61CAA by changing the saturation by 10% instead.

 A61CAA

 A61CAA

FFFFFF

 8A008F

 E05DE2

 6D0075

 FE79FF

 52005C

 FF96FF

 390044

 FFB2FF

 1B002C

 FFD0FF

 000116

 FFEDFF

 000000

 A61CAA

 A61CAA

 A60BAA

 A62DAA

 A500AA

 A73EAA

 A74FAA

 A860AA

 A871AA

 A982AA

 A993AA

 AAA4AA

 AAB5AA

Harmonies

Analogous

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



3752D9



A61CAA



CC006A

Triad

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



A61CAA



7C5C00



007B9C

Complementary

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



A61CAA



20AA1C

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.



007A58



A61CAA



3A6E00

Square

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



A61CAA



AC3B00



007604



0078D1

Rectangle

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



A61CAA



CE003F



007604



007B86

Sweetspot

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



A61CAA



DCA6DE



1C21AA



6F4F70



F0F0F0



707070

Same Dimension

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



A61CAA



D800DE



AA1C68



544C54



900094



140014

Inverse Universe

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



AA1C20



DE0006



1CAA5E



544C4C



940004



140001

Previews

White Background



This preview shows how the Hex color A61CAA looks on a white background.

Color Contrast Check

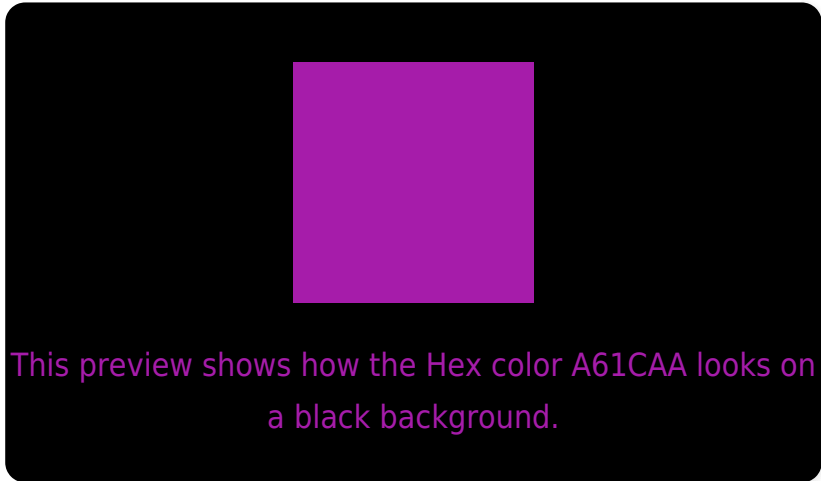
Large Text (above 18pt) WCAG AA ✓ Pass

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

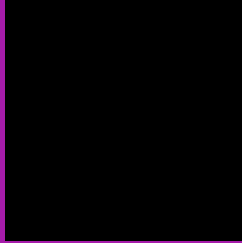
Any Text WCAG AA × Fail

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 A61CAA Background



This preview shows how black text looks on a background with the Hex color A61CAA.

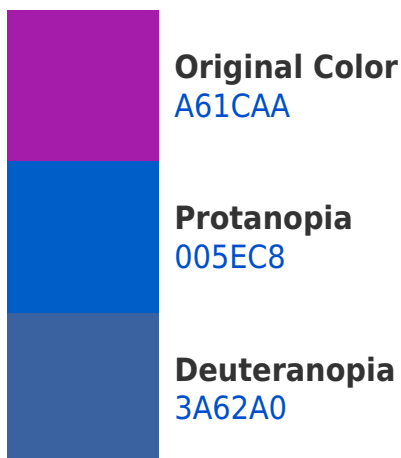


This preview shows how white text looks on a background with the Hex color A61CAA.

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
9B464B

Trichromacy



Original Color
A61CAA



Protanomaly
3C46BD



Deuteranomaly
6149A4



Tritanomaly
9F376E

Monochromacy



Original Color
A61CAA



Achromatopsia
555555



Achromatomaly
724074

CSS Examples

Text

The CSS property to change the color of the text to Hex A61CAA 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 #A61CAA looks like.

```
.text, #text, p{  
    color:#A61CAA  
}
```

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 #A61CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A61CAA
}
```

Border

The CSS property to change the border of an element to Hex A61CAA 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
#A61CAA }
```

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

```
.border{ border-color:#A61CAA }
```

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

Here you see how a box with a 4 pixel #A61CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A61CAA; -webkit-box-shadow:4px 4px  
4px 4px #A61CAA; box-shadow:4px 4px 4px  
4px #A61CAA }
```

Background

The CSS property to change the background color of an element to Hex A61CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A61CAA }
```

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

```
.background{ background-color:#A61CAA }
```

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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