

Converting Colors

Hex(AA66A2)

Have a look what the booklet for
Hex(AA66A2) contains.

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Color

Hex(AA66A2)

Conversions

Conversions Part 1

Format	Color
Hex	AA66A2
RGB	170, 102, 162
RGB Percent	67%, 40%, 64%
CMY	0.3333, 0.6000, 0.3647
CMYK	0.00, 0.40, 0.05, 0.33
HSL	307°, 29%, 53%
HSV	307°, 40%, 67%
XYZ	27.8505, 20.6574, 36.7018
YIQ	129.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

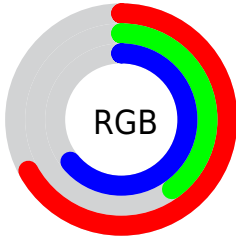
Format	Color
R_{YB}	170, 102, 162
Decimal	11167394
CIE Lab	52.57, 36.53, -20.96
CIE LCh	53, 42.115, 330.152
Yxy	20.6574, 0.3268, 0.2424
Android (android.graphics.Color)	4289357474 (0xFFAA66A2)
YUV	129.1720, 16.1842, 35.8062
Hunter-Lab	45.4504, 29.8406, -16.0621

Details

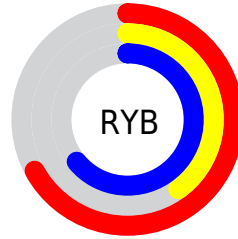
The Hex color **AA66A2** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **66AA6E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **E29AD9**, and **74346E** is the 20% darker color. If you saturate the color by 10%, you get **AA55A0**, and if you desaturate by 10%, it is **AA77A4**.

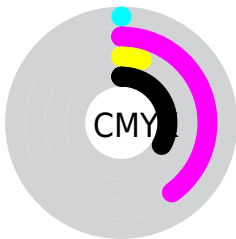
Distribution



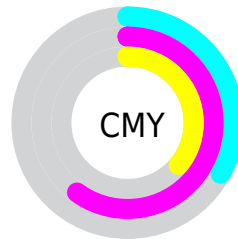
- Red (67%)
- Green (40%)
- Blue (64%)



- Red (67%)
- Yellow (40%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (60%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA66A2 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 AA66A2 by changing the saturation by 10% instead.

■ AA66A2

■ AA66A2

FFFFFF

■ 8F4D88

■ E29AD9

■ 74346E

■ FFB6F6

■ 5B1C56

■ FFD2FF

■ 42003E

■ FFEEFF

■ 2B0028

■ 020012

■ 000000

■ AA66A2

■ AA66A2

■ AA55A0

■ AA77A4

■ AA449E

■ AA88A6

■ AA339C

■ AA99A8

■ AA229A

■ AAAAAA

■ AA1198

■ AABBA8

■ AA0096

■ AACCAE

■ AADDB0

■ AAEEB2

■ AAFFB4

Harmonies

Analogous

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



8074BC



AA66A2



BF5E7F

Triad

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



AA66A2



927C32



008FA1

Complementary

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



AA66A2



66AA6E

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.



00907C



AA66A2



6E863C

Square

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



AA66A2



AF6E3F



3E8D58



008ABB

Rectangle

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



AA66A2



C16067



3E8D58



009095

Sweetspot

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



AA66A2



DEC3DB



6E66AA



70606E



F0F0F0



707070

Same Dimension

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



AA66A2



DE73D1



AA6680



544C53



940083



140012

Inverse Universe

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



AA66A2



DE73D1



66AA90



544C53



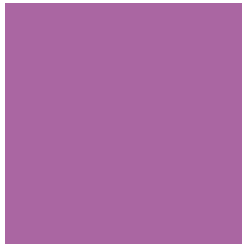
940083



140012

Previews

White Background



This preview shows how the Hex color AA66A2 looks on a white background.

Color Contrast Check

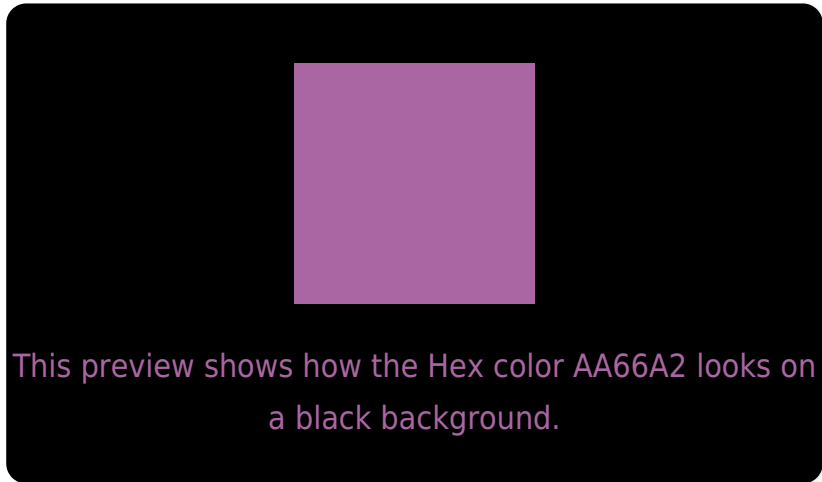
Large Text (above 18pt) WCAG AA ✓ Pass

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

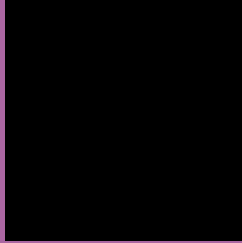
Any Text WCAG AA ✓ Pass

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 AA66A2 Background



This preview shows how black text looks on a background with the Hex color AA66A2.

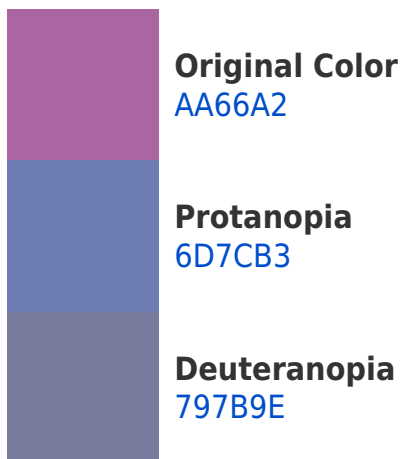


This preview shows how white text looks on a background with the Hex color AA66A2.

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](#).

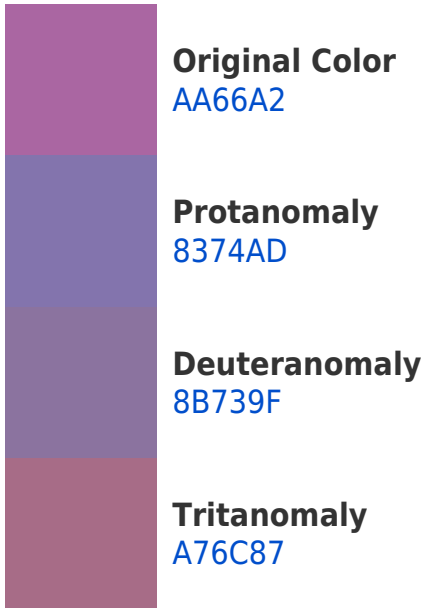
Dichromacy



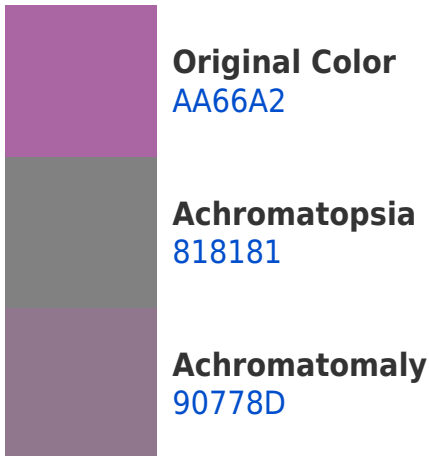


Tritanopia
A56F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA66A2 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 #AA66A2 looks like.

```
.text, #text, p{  
    color:#AA66A2  
}
```

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 #AA66A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA66A2  
}
```

Border

The CSS property to change the border of an element to Hex AA66A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

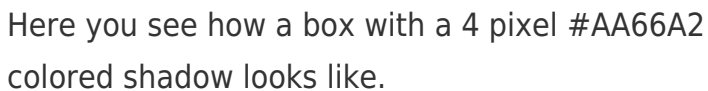
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA66A2 }
```

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

```
.border{ border-color:#AA66A2 }
```

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



Here you see how a box with a 4 pixel #AA66A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA66A2; -webkit-box-shadow:4px 4px  
4px 4px #AA66A2; box-shadow:4px 4px 4px  
4px #AA66A2 }
```

Background

The CSS property to change the background color of an element to Hex AA66A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA66A2 }
```

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

```
.background{ background-color:#AA66A2 }
```

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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