

Converting Colors

Hex(AE66A3)

Have a look what the booklet for
Hex(AE66A3) contains.

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Color

Hex(AE66A3)

Conversions

Conversions Part 1

Format	Color
Hex	AE66A3
RGB	174, 102, 163
RGB Percent	68%, 40%, 64%
CMY	0.3176, 0.6000, 0.3608
CMYK	0.00, 0.41, 0.06, 0.32
HSL	309°, 31%, 54%
HSV	309°, 41%, 68%
XYZ	28.8178, 21.1458, 37.2130
YIQ	130.4820, 23.3310, 34.2350

Conversions

Conversions Part 2

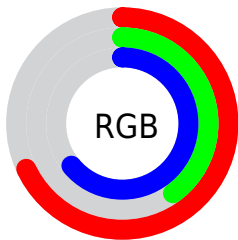
Format	Color
R_{YB}	174, 102, 163
Decimal	11429539
CIE _{Lab}	53.11, 38.02, -20.68
CIE _{LCh}	53, 43.279, 331.457
Yxy	21.1458, 0.3306, 0.2426
Android (android.graphics.Color)	4289619619 (0xFFAE66A3)
YUV	130.4820, 16.0314, 38.1653
Hunter-Lab	45.9845, 31.3903, -15.7913

Details

The Hex color **AE66A3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **66AE71**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **E79BDA**, and **78346F** is the 20% darker color. If you saturate the color by 10%, you get **AE55A0**, and if you desaturate by 10%, it is **AE77A6**.

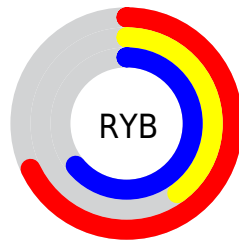
Distribution



Red (68%)

Green (40%)

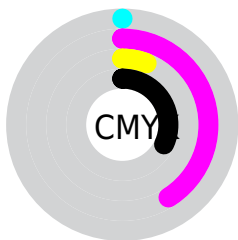
Blue (64%)



Red (68%)

Yellow (40%)

Blue (64%)

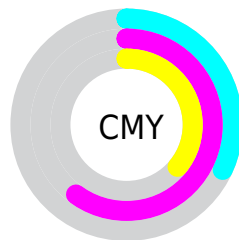


Cyan (0%)

Magenta (41%)

Yellow (6%)

Black (32%)



Cyan (32%)

Magenta (60%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AE66A3 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 AE66A3 by changing the saturation by 10% instead.

 AE66A3

 AE66A3

FFFFFF

 934D89

 E79BDA

 78346F

 FFB6F7

 5E1B57

 FFD2FF

 45003F

 FFEFFF

 2E0029

 0C0013

 000000

 AE66A3

 AE66A3

 AE55A0

 AE77A6

 AE439E

 AE89A8

 AE329B

 AE9AAB

 AE2098

 AEACAE

 AE0F96

 AEBDB0

 AE0093

 AECEB3

 AEE0B6

 AEF1B8

 AEFFBB

Harmonies

Analogous

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



8374BE



AE66A3



C25F7E

Triad

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



AE66A3



927D31



0091A5

Complementary

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



AE66A3



66AE71

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.



00917F



AE66A3



6C883C

Square

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



AE66A3



B0703D



3A8F5A



008CC0

Rectangle

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



AE66A3



C46066



3A8F5A



009199

Sweetspot

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



AE66A3



E3C8DF



7166AE



736370



F2F2F2



737373

Same Dimension

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



AE66A3



E371D2



AE667F



574E55



96007F



170013

Inverse Universe

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



AE66A3



E371D2



66AE95



574E55



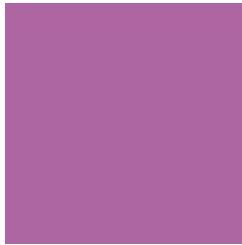
96007F



170013

Previews

White Background



This preview shows how the Hex color AE66A3 looks on a white background.

Color Contrast Check

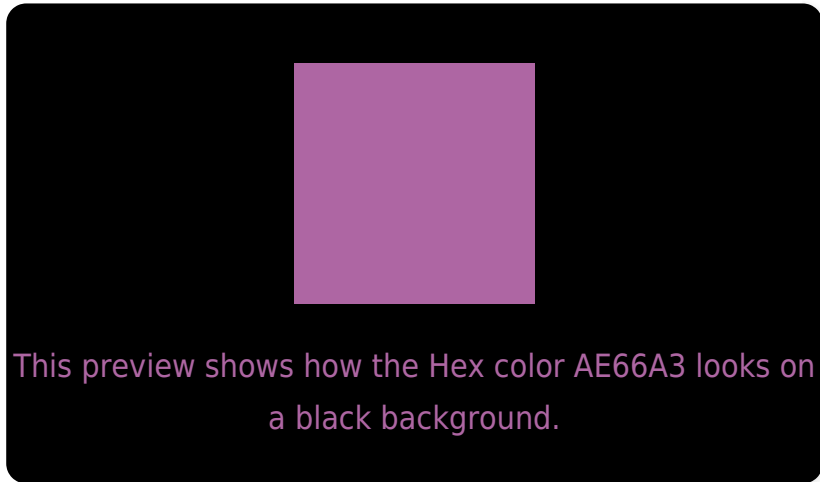
Large Text (above 18pt) WCAG AA ✓ Pass

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

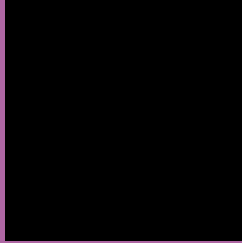
Any Text WCAG AA ✓ Pass

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 AE66A3 Background



This preview shows how black text looks on a background with the Hex color AE66A3.

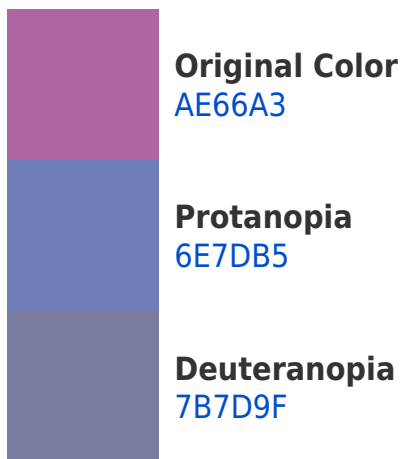


This preview shows how white text looks on a background with the Hex color AE66A3.

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](#).

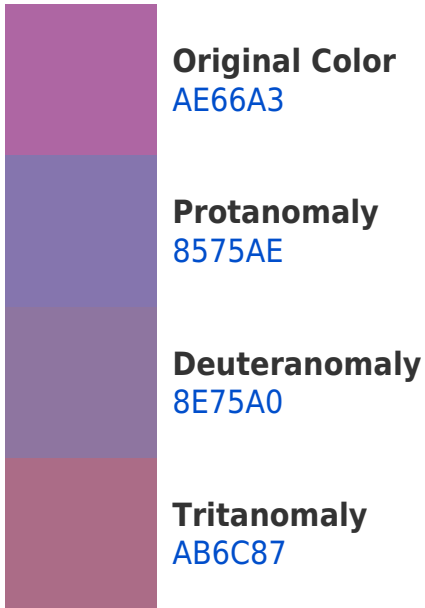
Dichromacy



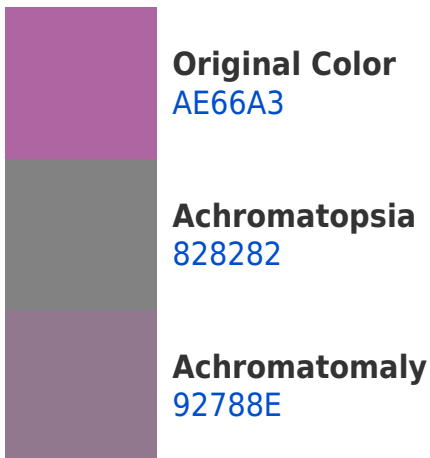


Tritanopia
A96F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AE66A3 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 #AE66A3 looks like.

```
.text, #text, p{  
    color:#AE66A3  
}
```

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 #AE66A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE66A3
}
```

Border

The CSS property to change the border of an element to Hex AE66A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

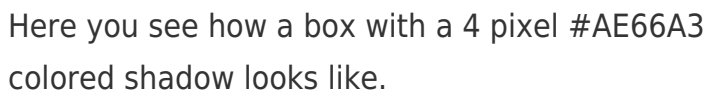
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE66A3 }
```

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

```
.border{ border-color:#AE66A3 }
```

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



Here you see how a box with a 4 pixel `#AE66A3` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE66A3; -webkit-box-shadow:4px 4px  
4px 4px #AE66A3; box-shadow:4px 4px 4px  
4px #AE66A3 }
```

Background

The CSS property to change the background color of an element to Hex AE66A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE66A3 }
```

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

```
.background{ background-color:#AE66A3 }
```

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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