

Converting Colors

Hex(A66EA7)

Have a look what the booklet for
Hex(A66EA7) contains.

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Color

Hex(A66EA7)

Conversions

Conversions Part 1

Format	Color
Hex	A66EA7
RGB	166, 110, 167
RGB Percent	65%, 43%, 65%
CMY	0.3490, 0.5686, 0.3451
CMYK	0.01, 0.34, 0.00, 0.35
HSL	299°, 24%, 54%
HSV	299°, 34%, 65%
XYZ	28.2769, 22.0489, 39.3247
YIQ	133.2420, 15.0790, 29.5990

Conversions

Conversions Part 2

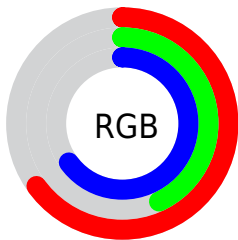
Format	Color
R_{YB}	166, 110, 167
Decimal	10907303
CIE _{Lab}	54.08, 31.72, -21.60
CIE _{LCh}	54, 38.379, 325.744
Yxy	22.0489, 0.3154, 0.2459
Android (android.graphics.Color)	4289097383 (0xFFA66EA7)
YUV	133.2420, 16.6427, 28.7288
Hunter-Lab	46.9562, 25.3186, -16.7846

Details

The Hex color **A66EA7** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6FA76E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **DEA3DE**, and **713D73** is the 20% darker color. If you saturate the color by 10%, you get **A65DA7**, and if you desaturate by 10%, it is **A67FA7**.

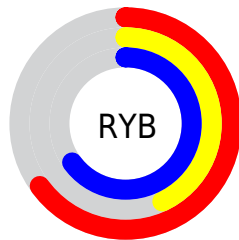
Distribution



Red (65%)

Green (43%)

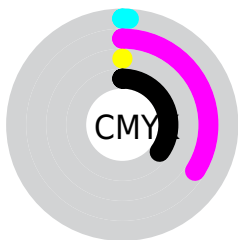
Blue (65%)



Red (65%)

Yellow (43%)

Blue (65%)

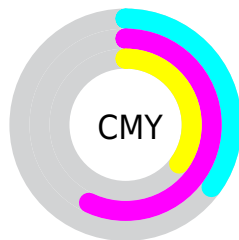


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color A66EA7 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 A66EA7 by changing the saturation by 10% instead.

 A66EA7

 A66EA7

FFFFFF

 8B558D

 DEA3DE

 713D73

 FBBEFB

 58255A

 FFDAFF

 3F0D42

 FFF7FF

 29002C

 030017

 000000

 A66EA7

 A66EA7

 A65DA7

 A67FA7

 A54DA7

 A78FA7

 A53CA7

 A7A0A7

 A52BA7

 A7B1A7

 A51BA7

 A7C2A7

 A40AA7

 A8D2A7

 A400A7

 A8E3A7

 A8F4A7

 A9FFA7

Harmonies

Analogous

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



7D7ABD



A66EA7



BC6687

Triad

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



A66EA7



9A7E3E



00929D

Complementary

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



A66EA7



6FA76E

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.



06927B



A66EA7



798844

Square

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



A66EA7



B3724B



518F5B



008EB7

Rectangle

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



A66EA7



C06671



518F5B



009292

Sweetspot

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



A66EA7



D8C3D9



6E70A7



6D606E



EDEDED



6E6E6E

Same Dimension

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



A66EA7



D780D9



A76E8C



544C54



910094



140014

Inverse Universe

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



A76E6F



D98081



6EA789



544C4C



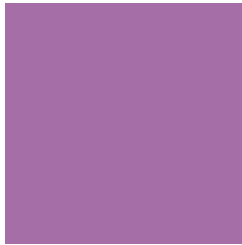
940003



140000

Previews

White Background



This preview shows how the Hex color A66EA7 looks on a white background.

Color Contrast Check

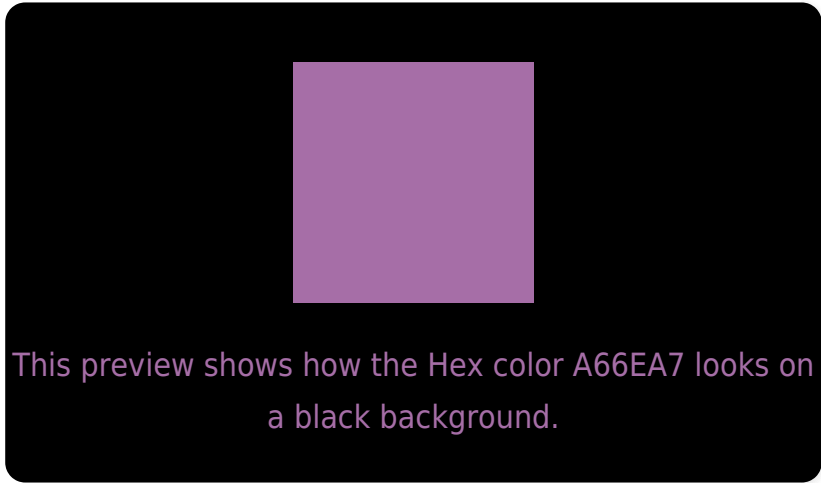
Large Text (above 18pt) WCAG AA ✓ Pass

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

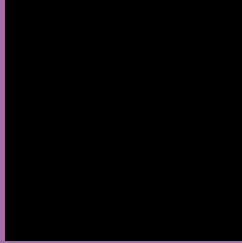
Any Text WCAG AA ✓ Pass

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 A66EA7 Background



This preview shows how black text looks on a background with the Hex color A66EA7.

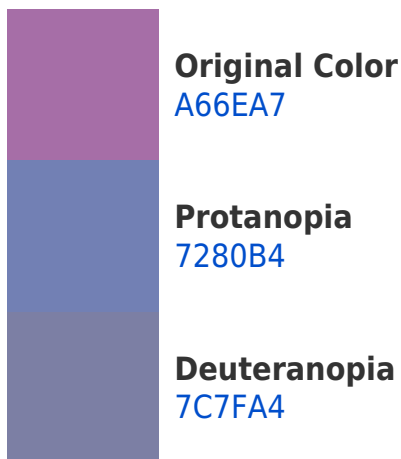



This preview shows how white text looks on a background with the Hex color A66EA7.

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](#).

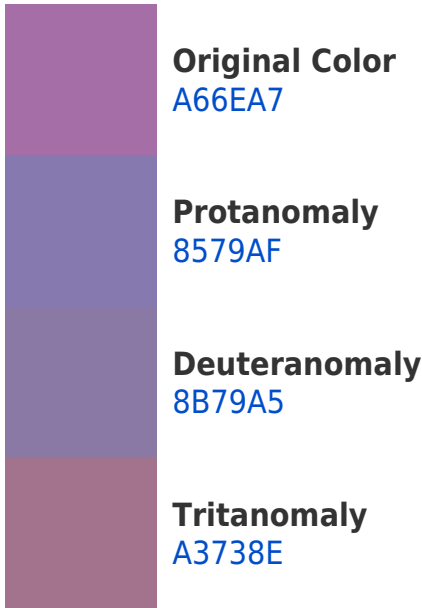
Dichromacy



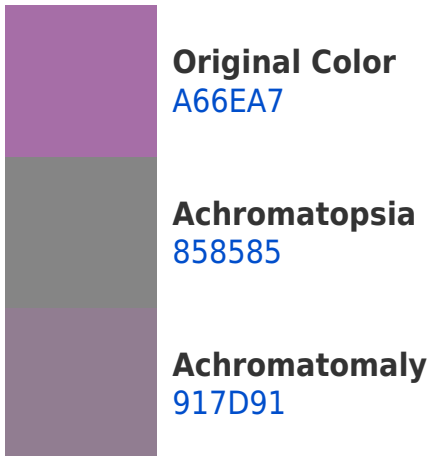


Tritanopia
A1767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A66EA7 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 #A66EA7 looks like.

```
.text, #text, p{  
    color:#A66EA7  
}
```

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 #A66EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66EA7
}
```

Border

The CSS property to change the border of an element to Hex A66EA7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

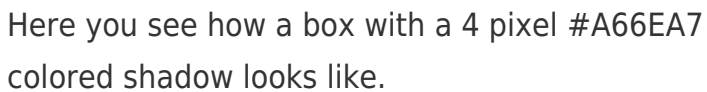
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A66EA7 }
```

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

```
.border{ border-color:#A66EA7 }
```

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



Here you see how a box with a 4 pixel #A66EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66EA7; -webkit-box-shadow:4px 4px  
4px 4px #A66EA7; box-shadow:4px 4px 4px  
4px #A66EA7 }
```

Background

The CSS property to change the background color of an element to Hex A66EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66EA7 }
```

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

```
.background{ background-color:#A66EA7 }
```

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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