

# Converting Colors

Hex(A66C8F)

Have a look what the booklet for  
Hex(A66C8F) contains.

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# Color

Hex(A66C8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A66C8F
RGB	166, 108, 143
RGB Percent	65%, 42%, 56%
CMY	0.3490, 0.5765, 0.4392
CMYK	0.00, 0.35, 0.14, 0.35
HSL	324°, 25%, 54%
HSV	324°, 35%, 65%
XYZ	26.0464, 20.8153, 28.6316
YIQ	129.3320, 23.3330, 23.1810

# Conversions

## Conversions Part 2

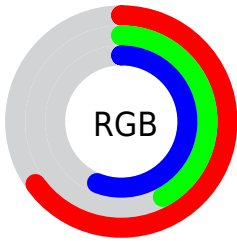
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 108, 143
Decimal	10906767
CIE <sub>Lab</sub>	52.75, 28.45, -9.60
CIE <sub>LCh</sub>	53, 30.023, 341.345
Yxy	20.8153, 0.3450, 0.2757
Android (android.graphics.Color)	4289096847 (0xFFA66C8F)
YUV	129.3320, 6.7383, 32.1578
Hunter-Lab	45.6238, 22.0631, -5.2713

# Details

The Hex color **A66C8F** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6CA683**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **DEA0C5**, and **713B5D** is the 20% darker color. If you saturate the color by 10%, you get **A65B88**, and if you desaturate by 10%, it is **A67D96**.

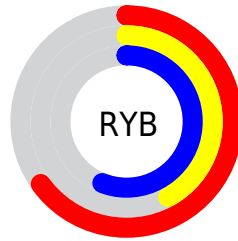
# Distribution



Red (65%)

Green (42%)

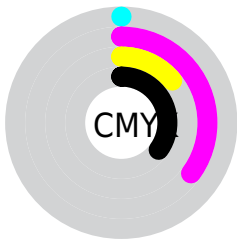
Blue (56%)



Red (65%)

Yellow (42%)

Blue (56%)

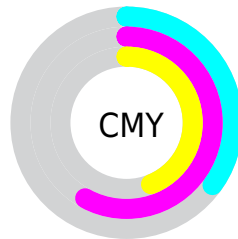


Cyan (0%)

Magenta (35%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (58%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A66C8F 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 A66C8F by changing the saturation by 10% instead.





A66C8F



A66C8F

FFFFFF



8B5375



DEA0C5



713B5D



FBBCE1



572445



FFD8FD



3F0C2F



FFF4FF



29001A



000000



A66C8F



A66C8F



A65B88



A67D96



A64B82



A68D9C

 A63A7B

 A69EA3

 A62A75

 A6AEA9

 A6196E

 A6BFB0

 A60868

 A6D0B6

 A60064

 A6E0BD

 A6F1C4

 A6FFCA

# Harmonies

## Analogous

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



8D74A5



A66C8F



B06A75

# Triad

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



A66C8F



857F4B



128A9F

# Complementary

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



A66C8F



6CA683

# 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.



248C87



A66C8F



698656

# Square

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



A66C8F



9D774D



498A6D



3C85AE

# Rectangle

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



A66C8F



AF6C64



498A6D



0F8B98



# Sweetspot

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



A66C8F



D9C3D0



826CA6



6E6068



EDEDED



6E6E6E



# Same Dimension

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



A66C8F



D97EB5



A66C73



544C51



940059



14000C



# Inverse Universe

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



A66C8F



D97EB5



6CA69F



544C51



940059

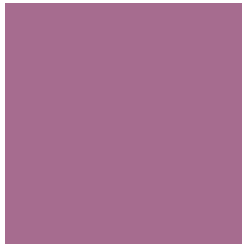


14000C



# Previews

## White Background



This preview shows how the Hex color A66C8F looks on a white background.

## Color Contrast Check

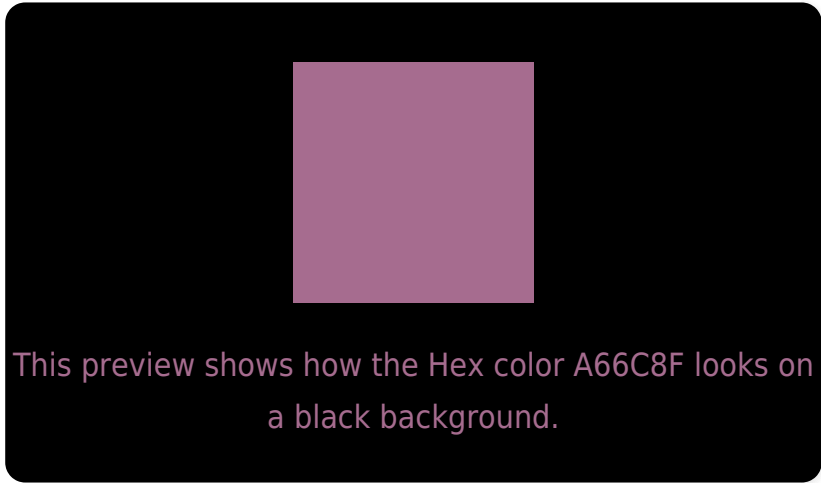
Large Text (above 18pt) WCAG AA ✓ Pass

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

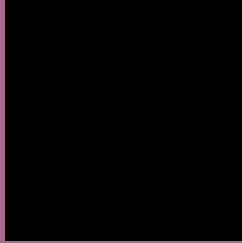
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A66C8F Background



This preview shows how black text looks on a background with the Hex color A66C8F.

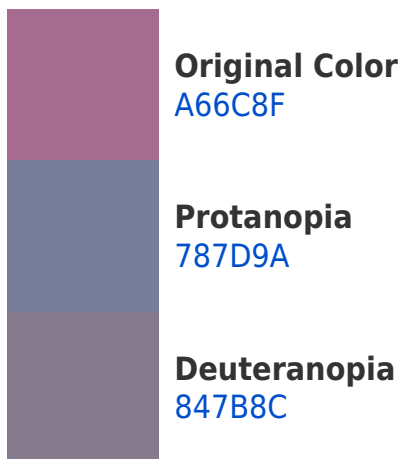


This preview shows how white text looks on a background with the Hex color A66C8F.

# 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](#).

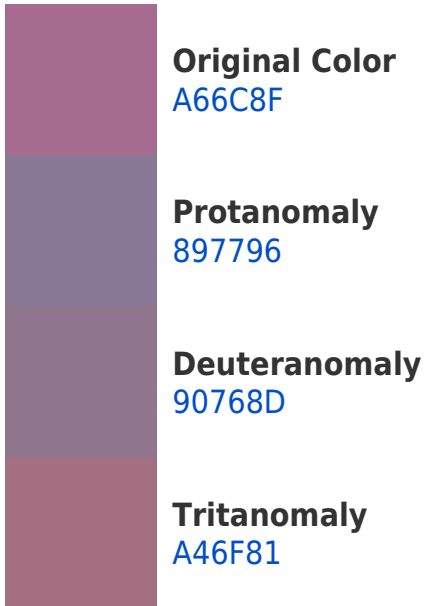
## Dichromacy



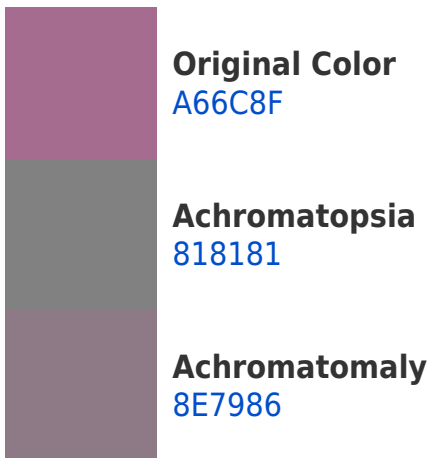


**Tritanopia**  
A37079

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A66C8F 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 #A66C8F looks like.

```
.text, #text, p{  
    color:#A66C8F  
}
```

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 #A66C8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A66C8F
}
```

## Border

The CSS property to change the border of an element to Hex A66C8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

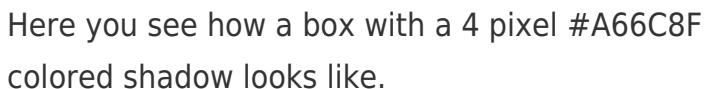
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A66C8F }
```

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

```
.border{ border-color:#A66C8F }
```

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



Here you see how a box with a 4 pixel #A66C8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A66C8F; -webkit-box-shadow:4px 4px  
4px 4px #A66C8F; box-shadow:4px 4px 4px  
4px #A66C8F }
```

# Background

The CSS property to change the background color of an element to Hex A66C8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A66C8F }
```

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

```
.background{ background-color:#A66C8F }
```

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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