

# Converting Colors

Hex(A6679A)

Have a look what the booklet for  
Hex(A6679A) contains.

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# Color

**Hex(A6679A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A6679A
RGB	166, 103, 154
RGB Percent	65%, 40%, 60%
CMY	0.3490, 0.5961, 0.3961
CMYK	0.00, 0.38, 0.07, 0.35
HSL	311°, 26%, 53%
HSV	311°, 38%, 65%
XYZ	26.4089, 20.1406, 33.0675
YIQ	127.6510, 21.1770, 29.2170

# Conversions

## Conversions Part 2

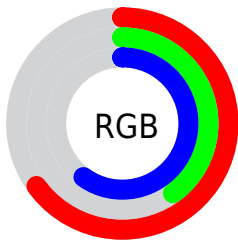
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	166, 103, 154
Decimal	10905498
CIE Lab	52.00, 33.18, -17.20
CIE LCh	52, 37.375, 332.600
Yxy	20.1406, 0.3317, 0.2530
Android (android.graphics.Color)	4289095578 (0xFFA6679A)
YUV	127.6510, 12.9901, 33.6321
Hunter-Lab	44.8783, 26.5024, -12.2716

# Details

The Hex color **A6679A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67A673**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **DE9BD0**, and **713667** is the 20% darker color. If you saturate the color by 10%, you get **A65697**, and if you desaturate by 10%, it is **A6789D**.

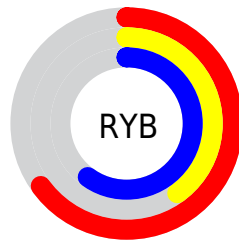
# Distribution



Red (65%)

Green (40%)

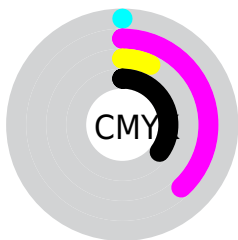
Blue (60%)



Red (65%)

Yellow (40%)

Blue (60%)

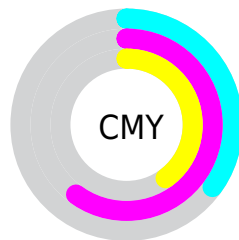


Cyan (0%)

Magenta (38%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A6679A 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 A6679A by changing the saturation by 10% instead.



 A6679A

 A6679A

FFFFFF

 8B4E80

 DE9BD0

 713667

 FBB7ED

 571E4F

 FFD2FF

 3F0438

 FFEFFF

 290022

 000008

 000000

 A6679A

 A6679A

 A65697

 A6789D

 A64694

 A688A0

 A63591

 A699A3

 A6258D

 A6A9A7

 A6148A

 A6BAAA

 A60387

 A6CBAD

 A60086

 A6DBB0

 A6ECB3

 A6FCB6

# Harmonies

## Analogous

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



8273B2



A6679A



B7617A

# Triad

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



A6679A



8D7B3A



008C9D

# Complementary

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



A6679A



67A673

# 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.



008C7E



A6679A



6C8444

# Square

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



A6679A



A77044



428A5D



0087B4

# Rectangle

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



A6679A



B96365



428A5D



008C94



# Sweetspot

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



A6679A



D9C1D4



7367A6



6E5F6B



EDEDED



6E6E6E



# Same Dimension

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



A6679A



D975C6



A6677B



544C53



940078



140011



# Inverse Universe

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



A6679A



D975C6



67A692



544C53



940078

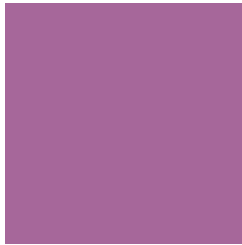


140011



# Previews

## White Background



This preview shows how the Hex color A6679A looks on a white background.

## Color Contrast Check

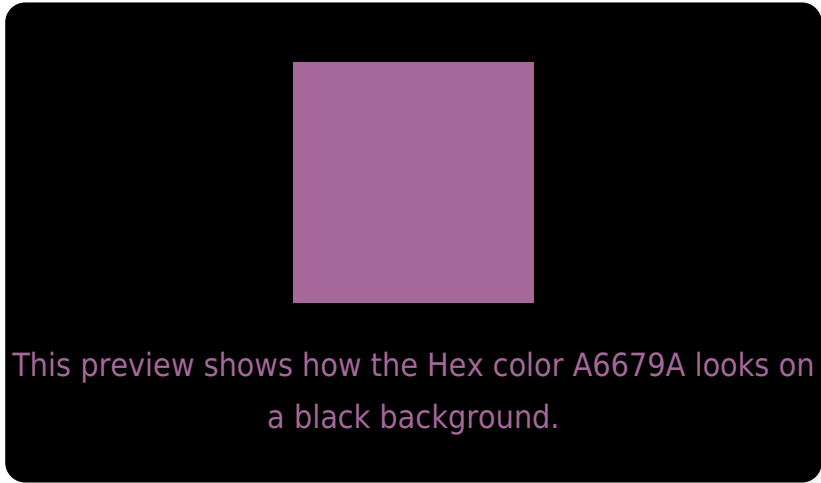
Large Text (above 18pt) WCAG AA ✓ Pass

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

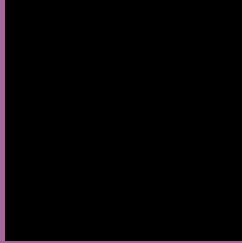
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A6679A Background



This preview shows how black text looks on a background with the Hex color A6679A.

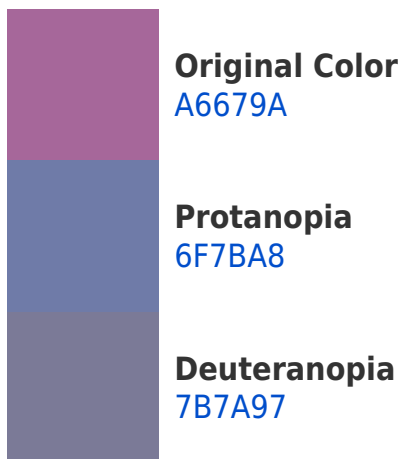



This preview shows how white text looks on a background with the Hex color A6679A.

# 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**  
A26E76

# Trichromacy



**Original Color**  
A6679A

**Protanomaly**  
8374A3

**Deuteranomaly**  
8B7398

**Tritanomaly**  
A36B83

# Monochromacy



**Original Color**  
A6679A

**Achromatopsia**  
808080

**Achromatomaly**  
8E7789

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A6679A 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 #A6679A looks like.

```
.text, #text, p{  
    color:#A6679A  
}
```

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 #A6679A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6679A
}
```

## Border

The CSS property to change the border of an element to Hex A6679A is called "border". The border property can be set on classes, ids or directly on the HTML element.

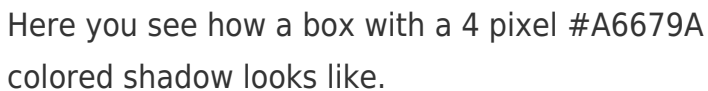
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A6679A }
```

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

```
.border{ border-color:#A6679A }
```

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



Here you see how a box with a 4 pixel #A6679A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6679A; -webkit-box-shadow:4px 4px  
4px 4px #A6679A; box-shadow:4px 4px 4px  
4px #A6679A }
```

# Background

The CSS property to change the background color of an element to Hex A6679A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6679A }
```

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

```
.background{ background-color:#A6679A }
```

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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