

# Converting Colors

Hex(A09BC4)

Have a look what the booklet for  
Hex(A09BC4) contains.

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# Color

**Hex(A09BC4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A09BC4
RGB	160, 155, 196
RGB Percent	63%, 61%, 77%
CMY	0.3725, 0.3922, 0.2314
CMYK	0.18, 0.21, 0.00, 0.23
HSL	247°, 26%, 69%
HSV	247°, 21%, 77%
XYZ	36.1824, 34.9018, 57.0543
YIQ	161.1690, -10.1810, 13.8110

# Conversions

## Conversions Part 2

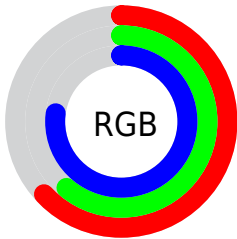
Format	Color
<a href="#">RYB</a>	<a href="#">160, 155, 196</a>
Decimal	<a href="#">10525636</a>
CIELab	<a href="#">65.67, 10.34, -20.43</a>
CIELCh	<a href="#">66, 22.893, 296.845</a>
Yxy	<a href="#">34.9018, 0.2824, 0.2724</a>
Android (android.graphics.Color)	<a href="#">4288715716</a> ( <a href="#">0xFFA09BC4</a> )
YUV	<a href="#">161.1690, 17.1717, -1.0252</a>
Hunter-Lab	<a href="#">59.0777, 5.9369, -15.9048</a>

# Details

The Hex color **A09BC4** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **BFC49B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D7D1FD**, and **6C688E** is the 20% darker color. If you saturate the color by 10%, you get **8F87C4**, and if you desaturate by 10%, it is **B1AFC4**.

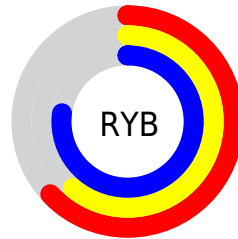
# Distribution



Red (63%)

Green (61%)

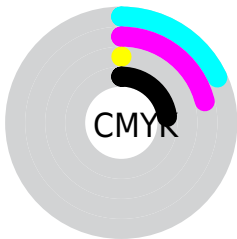
Blue (77%)



Red (63%)

Yellow (61%)

Blue (77%)

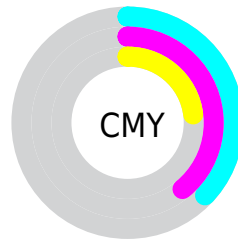


Cyan (18%)

Magenta (21%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (39%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A09BC4 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 A09BC4 by changing the saturation by 10% instead.





A09BC4



A09BC4

FFFFFF



8681A9



D7D1FD



6C688E



F4EEFF



535075



3B395C



252444



0F0F2E



000119



000000



A09BC4



A09BC4

8F87C4

B1AFC4

7E74C4

C2C2C4

6C60C4

D4D6C4

5B4DC4

E5E9C4

4A39C4

F6FDC4

3925C4

FFFFC4

2812C4

1800C4

# Harmonies

## Analogous

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



84A2C8



A09BC4



B894B6

# Triad

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



A09BC4



C1977E



6FAB9D

# Complementary

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



A09BC4



BFC49B

# 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.



84A989



A09BC4



B19D77

# Square

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



A09BC4



C9928E



9BA47B



64ABB1

# Rectangle

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



A09BC4



C392A9



9BA47B



75AB95



# Sweetspot

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



A09BC4



F2F0FF



9BBFC4



787780



000000



808080



# Same Dimension

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



A09BC4



C7BFFF



B49BC4



585761



1400A1



040021



# Inverse Universe

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



C49BBF



FFBFF7



ABC49B



615760



A1008D



21001D



# Previews

## White Background



This preview shows how the Hex color A09BC4 looks on a white background.

## Color Contrast Check

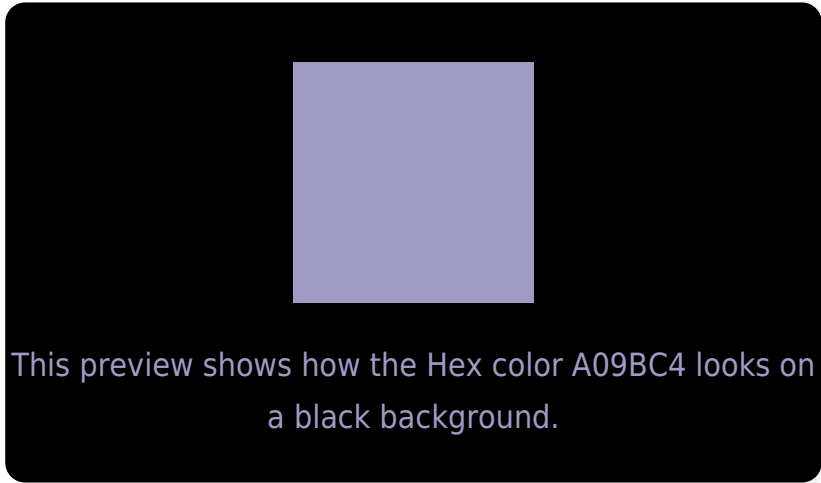
Large Text (above 18pt) WCAG AA × Fail

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

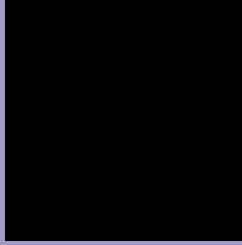
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A09BC4 Background



This preview shows how black text looks on a background with the Hex color A09BC4.



This preview shows how white text looks on a background with the Hex color A09BC4.

# 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



**Original Color**

A09BC4

**Protanopia**

969EC6

**Deuteranopia**

9D9CC4



**Tritanopia**  
9C9FAC

# Trichromacy



**Original Color**  
A09BC4

**Protanomaly**  
9A9DC5

**Deuteranomaly**  
9E9CC4

**Tritanomaly**  
9D9EB5

# Monochromacy



**Original Color**  
A09BC4

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
A19FAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A09BC4 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 #A09BC4 looks like.

```
.text, #text, p{  
    color:#A09BC4  
}
```

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 #A09BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A09BC4  
}
```

## Border

The CSS property to change the border of an element to Hex A09BC4 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  
#A09BC4 }
```

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

```
.border{ border-color:#A09BC4 }
```

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

Here you see how a box with a 4 pixel #A09BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A09BC4; -webkit-box-shadow:4px 4px  
4px 4px #A09BC4; box-shadow:4px 4px 4px  
4px #A09BC4 }
```

# Background

The CSS property to change the background color of an element to Hex A09BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A09BC4 }
```

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

```
.background{ background-color:#A09BC4 }
```

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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