

# Converting Colors

Hex(A09EB4)

Have a look what the booklet for  
Hex(A09EB4) contains.

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# **Color**

**Hex(A09EB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A09EB4
RGB	160, 158, 180
RGB Percent	63%, 62%, 71%
CMY	0.3725, 0.3804, 0.2941
CMYK	0.11, 0.12, 0.00, 0.29
HSL	245°, 13%, 66%
HSV	245°, 12%, 71%
XYZ	34.9623, 35.2226, 48.1359
YIQ	161.1060, -5.8700, 7.2660

# Conversions

## Conversions Part 2

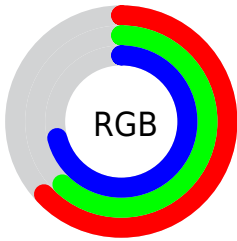
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	160, 158, 180
Decimal	10526388
CIE <sub>Lab</sub>	65.92, 5.14, -11.11
CIE <sub>LCh</sub>	66, 12.247, 294.833
Yxy	35.2226, 0.2955, 0.2977
Android (android.graphics.Color)	4288716468 (0xFFA09EB4)
YUV	161.1060, 9.3147, -0.9700
Hunter-Lab	59.3486, 1.2943, -6.5444

# Details

The Hex color **A09EB4** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B2B49E**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **D7D5EC**, and **6C6B7F** is the 20% darker color. If you saturate the color by 10%, you get **908CB4**, and if you desaturate by 10%, it is **B0B0B4**.

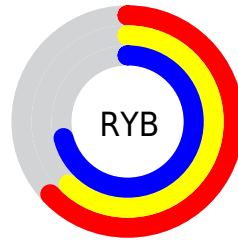
# Distribution



Red (63%)

Green (62%)

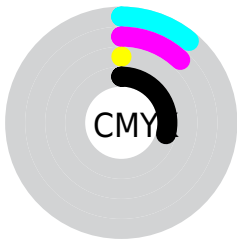
Blue (71%)



Red (63%)

Yellow (62%)

Blue (71%)

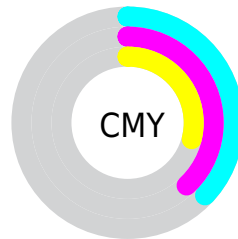


Cyan (11%)

Magenta (12%)

Yellow (0%)

Black (29%)



Cyan (37%)

Magenta (38%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A09EB4 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 A09EB4 by changing the saturation by 10% instead.





A09EB4



A09EB4

FFFFFF



868499



D7D5EC



6C6B7F



F3F1FF



545366



3D3C4E



272637



121122



00000A



000000



A09EB4



A09EB4

908CB4

B0B0B4

7F7AB4

C1C2B4

6F68B4

D1D4B4

5F56B4

E1E6B4

4E44B4

F2F8B4

3E32B4

FFFFB4

2D20B4

1D0EB4

1000B4

# Harmonies

## Analogous

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



92A2B6



A09EB4



AD9BAD

# Triad

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



A09EB4



B49B8F



88A79E

# Complementary

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



A09EB4



B2B49E

# 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.



93A593



A09EB4



AB9F8A

# Square

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



A09EB4



B89997



9FA28C



84A6A9

# Rectangle

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



A09EB4



B399A6



9FA28C



8BA69A



# Sweetspot

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



A09EB4



E2E1EB



9EB2B4



706F75



F5F5F5



757575



# Same Dimension

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



A09EB4



CBC7EB



AB9EB4



515059



0E0099



02001A



# Inverse Universe

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



B49EB2



EBC7E7



A7B49E



595058



99008B



1A0017



# Previews

## White Background



This preview shows how the Hex color A09EB4 looks on a white background.

## Color Contrast Check

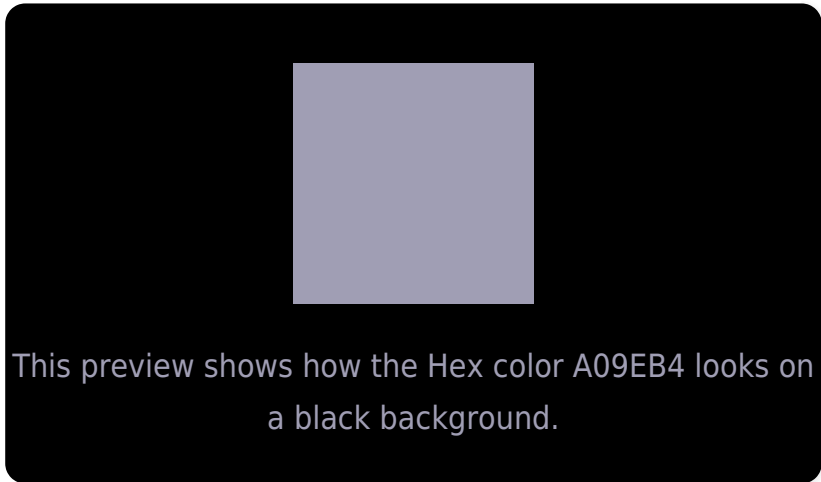
Large Text (above 18pt) WCAG AA × Fail

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

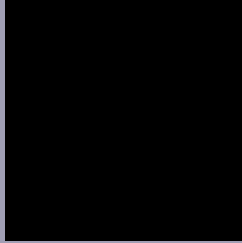
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A09EB4 Background



This preview shows how black text looks on a background with the Hex color A09EB4.



This preview shows how white text looks on a background with the Hex color A09EB4.

# 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**

A09EB4

**Protanopia**

9D9FB5

**Deuteranopia**

A69CB4



**Tritanopia**  
9F9FAC

# Trichromacy



**Original Color**

A09EB4

**Protanomaly**

9E9FB5

**Deuteranomaly**

A49DB4

**Tritanomaly**

9F9FAF

# Monochromacy



**Original Color**

A09EB4

**Achromatopsia**

A1A1A1

**Achromatomaly**

A1A0A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A09EB4 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 #A09EB4 looks like.

```
.text, #text, p{  
    color:#A09EB4  
}
```

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 #A09EB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A09EB4
}
```

## Border

The CSS property to change the border of an element to Hex A09EB4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

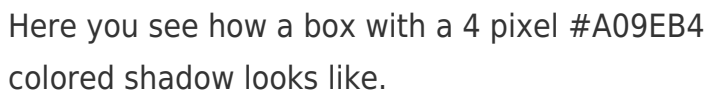
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A09EB4 }
```

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

```
.border{ border-color:#A09EB4 }
```

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



Here you see how a box with a 4 pixel #A09EB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A09EB4; -webkit-box-shadow:4px 4px  
4px 4px #A09EB4; box-shadow:4px 4px 4px  
4px #A09EB4 }
```

# Background

The CSS property to change the background color of an element to Hex A09EB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A09EB4 }
```

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

```
.background{ background-color:#A09EB4 }
```

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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