

# Converting Colors

Hex(A68DA2)

Have a look what the booklet for  
Hex(A68DA2) contains.

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# **Color**

**Hex(A68DA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A68DA2
RGB	166, 141, 162
RGB Percent	65%, 55%, 64%
CMY	0.3490, 0.4471, 0.3647
CMYK	0.00, 0.15, 0.02, 0.35
HSL	310°, 12%, 60%
HSV	310°, 15%, 65%
XYZ	31.7723, 29.7654, 38.2531
YIQ	150.8690, 8.1590, 11.8310

# Conversions

## Conversions Part 2

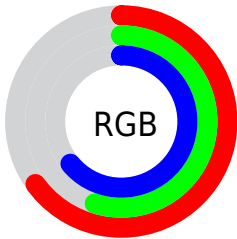
Format	Color
<a href="#">RYB</a>	<a href="#">166, 141, 162</a>
Decimal	<a href="#">10915234</a>
CIELab	<a href="#">61.45, 13.17, -7.59</a>
CIElCh	<a href="#">61, 15.196, 330.050</a>
Yxy	<a href="#">29.7654, 0.3184, 0.2983</a>
Android (android.graphics.Color)	<a href="#">4289105314 (0xFFA68DA2)</a>
YUV	<a href="#">150.8690, 5.4876, 13.2699</a>
Hunter-Lab	<a href="#">54.5577, 8.4759, -3.3809</a>

# Details

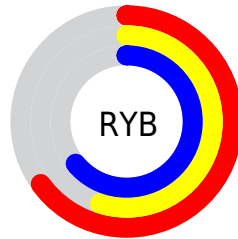
The Hex color **A68DA2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **8DA691**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DDC3D9**, and **725B6E** is the 20% darker color. If you saturate the color by 10%, you get **A67C9F**, and if you desaturate by 10%, it is **A69EA5**.

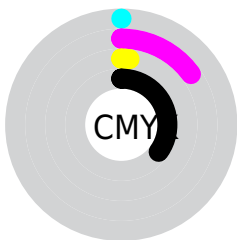
# Distribution



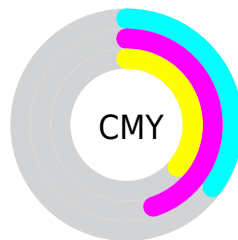
- Red (65%)
- Green (55%)
- Blue (64%)



- Red (65%)
- Yellow (55%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (45%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A68DA2 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 A68DA2 by changing the saturation by 10% instead.



 A68DA2

 A68DA2

FFFFFF

 8C7388

 DDC3D9

 725B6E

 FADFF5

 594356

 FFFBFF

 422D3F

 2B1829

 180015

 000000

 A68DA2

 A68DA2

 A67C9F

 A69EA5

 A66C9D

 A6AEA7

 A65B9A

 A6BFAA

 A64B97

 A6CFAD

 A63A95

 A6E0AF

 A62992

 A6F1B2

 A6198F

 A6FFB5

 A6088D

 A6FFB7

 A6008B

 A6FFBA

# Harmonies

## Analogous

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



9791AC



A68DA2



AF8B95

# Triad

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



A68DA2



9F937A



719CA1

# Complementary

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



A68DA2



8DA691

# 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.



759C94



A68DA2



90987D

# Square

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



A68DA2



AB8F7E



819B87



7799AB

# Rectangle

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



A68DA2



B18B8C



819B87



719C9D



# Sweetspot

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



A68DA2



D9CED7



918DA6



6E676D



EDEDED



6E6E6E



# Same Dimension

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



A68DA2



D9B2D3



A68D96



544C53



94007C



140011



# Inverse Universe

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



A68DA2



D9B2D3



8DA69D



544C53



94007C

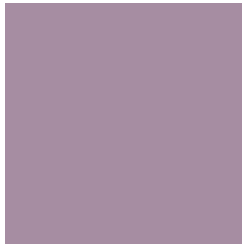


140011



# Previews

## White Background



This preview shows how the Hex color A68DA2 looks on a white background.

## Color Contrast Check

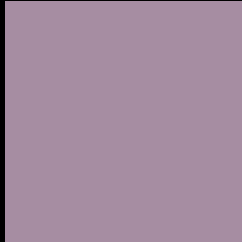
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A68DA2 looks on a 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 A68DA2 Background



This preview shows how black text looks on a background with the Hex color A68DA2.



This preview shows how white text looks on a background with the Hex color A68DA2.

# 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**  
A68DA2

**Protanopia**  
9293A6

**Deuteranopia**  
9D90A1



**Tritanopia**  
A58E9A

# Trichromacy



**Original Color**

A68DA2

**Protanomaly**

9991A5

**Deuteranomaly**

A08FA1

**Tritanomaly**

A58E9D

# Monochromacy



**Original Color**

A68DA2

**Achromatopsia**

979797

**Achromatomaly**

9C939B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A68DA2 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 #A68DA2 looks like.

```
.text, #text, p{  
    color:#A68DA2  
}
```

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 #A68DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A68DA2
}
```

## Border

The CSS property to change the border of an element to Hex A68DA2 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
#A68DA2 }
```

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

```
.border{ border-color:#A68DA2 }
```

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

Here you see how a box with a 4 pixel #A68DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A68DA2; -webkit-box-shadow:4px 4px  
4px 4px #A68DA2; box-shadow:4px 4px 4px  
4px #A68DA2 }
```

# Background

The CSS property to change the background color of an element to Hex A68DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A68DA2 }
```

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

```
.background{ background-color:#A68DA2 }
```

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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