

# Converting Colors

Hex(A58DAA)

Have a look what the booklet for  
Hex(A58DAA) contains.

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# **Color**

**Hex(A58DAA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A58DAA
RGB	165, 141, 170
RGB Percent	65%, 55%, 67%
CMY	0.3529, 0.4471, 0.3333
CMYK	0.03, 0.17, 0.00, 0.33
HSL	290°, 15%, 61%
HSV	290°, 17%, 67%
XYZ	32.2976, 29.9514, 42.1091
YIQ	151.4820, 4.9950, 14.1070

# Conversions

## Conversions Part 2

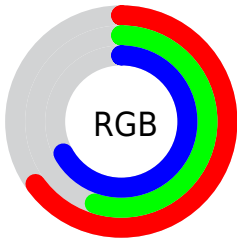
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 141, 170
Decimal	10849706
CIE <sub>Lab</sub>	61.61, 14.38, -11.90
CIE <sub>LCh</sub>	62, 18.662, 320.381
Yxy	29.9514, 0.3095, 0.2870
Android (android.graphics.Color)	4289039786 (0xFFFA58DAA)
YUV	151.4820, 9.1294, 11.8553
Hunter-Lab	54.7278, 9.5680, -7.3099

# Details

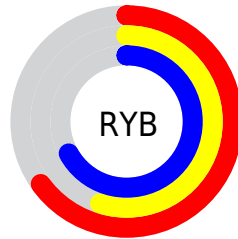
The Hex color **A58DAA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **92AA8D**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **DCC3E1**, and **715B76** is the 20% darker color. If you saturate the color by 10%, you get **A27CAA**, and if you desaturate by 10%, it is **A89EAA**.

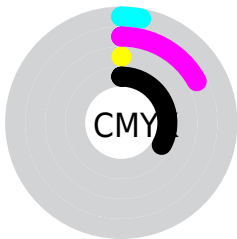
# Distribution



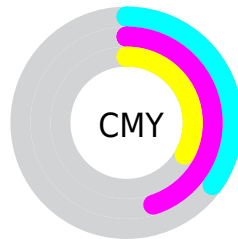
- Red (65%)
- Green (55%)
- Blue (67%)



- Red (65%)
- Yellow (55%)
- Blue (67%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (45%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A58DAA 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 A58DAA by changing the saturation by 10% instead.




 A58DAA

 A58DAA

FFFFFF

 8B738F

 DCC3E1

 715B76

 F9DFFE

 58435D

 FFFBFF

 412D46

 2A182F

 18001B

 000000

 A58DAA

 A58DAA

 A27CAA

 A89EAA

9F6BAA

ABAFAA

9C5AAA

AEC0AA

9949AA

B1D1AA

9638AA

B4E2AA

9327AA

B7F3AA

9016AA

BAFFAA

8E05AA

BCFFAA

8D00AA

BFFFAA

# Harmonies

## Analogous

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



9192B4



A58DAA



B38A9B

# Triad

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



A58DAA



A69275



689EA0

# Complementary

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



A58DAA



92AA8D

# 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.



719E8F



A58DAA



959776

# Square

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



A58DAA



B38D7C



839C7F



6B9CAE

# Rectangle

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



A58DAA



B78990



839C7F



6A9E9A



# Sweetspot

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



A58DAA



DCD3DE



8D92AA



6F6970



F0F0F0



707070



# Same Dimension

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



A58DAA



D6B1DE



AA8DA1



534C54



7A0094



110014



# Inverse Universe

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



AA8D92



DEB1B9



8DAA96



544C4D



940019

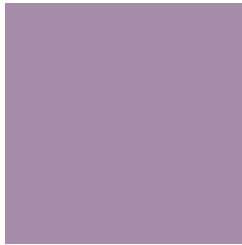


140004



# Previews

## White Background



This preview shows how the Hex color A58DAA looks on a white background.

## Color Contrast Check

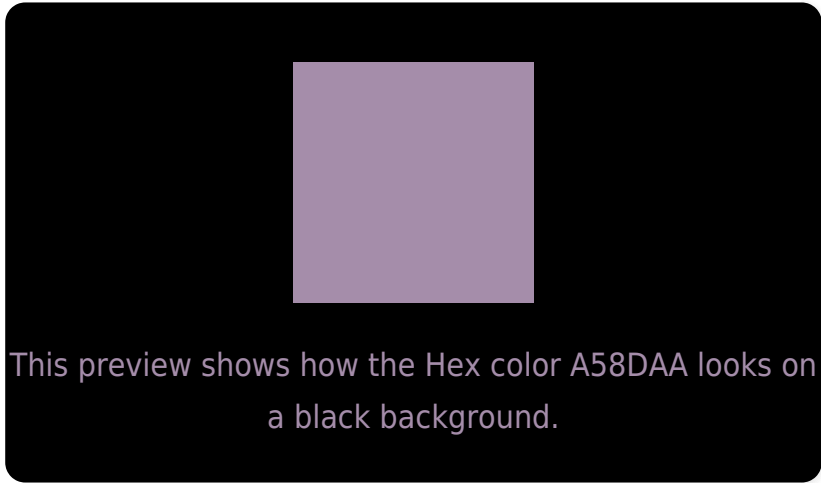
Large Text (above 18pt) WCAG AA ✓ Pass

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

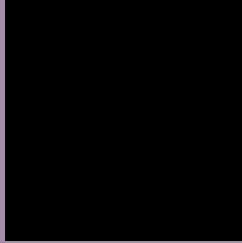
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A58DAA Background



This preview shows how black text looks on a background with the Hex color A58DAA.

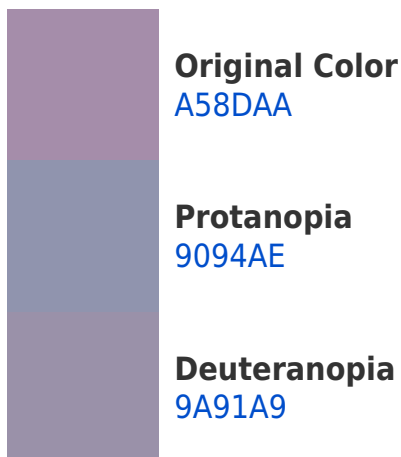


This preview shows how white text looks on a background with the Hex color A58DAA.

# 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**  
A3909B

# Trichromacy



**Original Color**  
A58DAA

**Protanomaly**  
9891AD

**Deuteranomaly**  
9E90A9

**Tritanomaly**  
A48FA0

# Monochromacy



**Original Color**  
A58DAA

**Achromatopsia**  
979797

**Achromatomaly**  
9C939E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A58DAA 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 #A58DAA looks like.

```
.text, #text, p{  
    color:#A58DAA  
}
```

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 #A58DAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A58DAA
}
```

## Border

The CSS property to change the border of an element to Hex A58DAA 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
#A58DAA }
```

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

```
.border{ border-color:#A58DAA }
```

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

Here you see how a box with a 4 pixel #A58DAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A58DAA; -webkit-box-shadow:4px 4px  
4px 4px #A58DAA; box-shadow:4px 4px 4px  
4px #A58DAA }
```

# Background

The CSS property to change the background color of an element to Hex A58DAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A58DAA }
```

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

```
.background{ background-color:#A58DAA }
```

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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