

# Converting Colors

Hex(A582A4)

Have a look what the booklet for  
Hex(A582A4) contains.

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# **Color**

**Hex(A582A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A582A4
RGB	165, 130, 164
RGB Percent	65%, 51%, 64%
CMY	0.3529, 0.4902, 0.3569
CMYK	0.00, 0.21, 0.01, 0.35
HSL	302°, 16%, 58%
HSV	302°, 21%, 65%
XYZ	30.2005, 26.6449, 38.6732
YIQ	144.3410, 9.9460, 17.9940

# Conversions

## Conversions Part 2

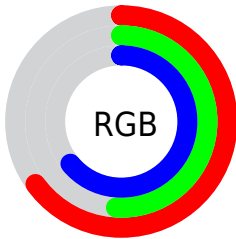
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 130, 164
Decimal	10846884
CIELab	58.64, 19.45, -12.94
CIELCh	59, 23.359, 326.358
Yxy	26.6449, 0.3162, 0.2790
Android (android.graphics.Color)	4289036964 (0xFFA582A4)
YUV	144.3410, 9.6919, 18.1179
Hunter-Lab	51.6187, 14.1021, -8.2875

# Details

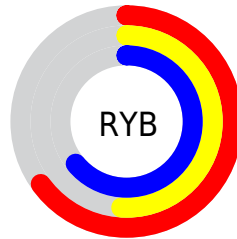
The Hex color **A582A4** is a light color, and the websafe version is hex **996699**. A complement of this color would be **82A583**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **DCB7DB**, and **715070** is the 20% darker color. If you saturate the color by 10%, you get **A571A4**, and if you desaturate by 10%, it is **A592A4**.

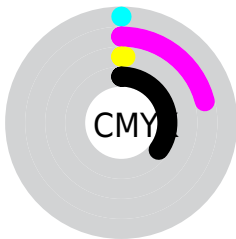
# Distribution



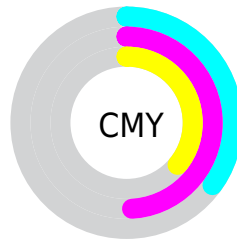
- Red (65%)
- Green (51%)
- Blue (64%)



- Red (65%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (1%)
- Black (35%)



- Cyan (35%)
- Magenta (49%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A582A4 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 A582A4 by changing the saturation by 10% instead.





A582A4



A582A4

FFFFFF



8A698A



DCB7DB



715070



F9D3F8



583958



FFEFFF



402340



290E2A



140016



000000



A582A4



A582A4



A571A4



A592A4

 A561A3

 A5A3A5

 A550A3

 A5B3A5

 A540A2

 A5C4A6

 A52FA2

 A5D4A6

 A51FA1

 A5E5A7

 A50EA1

 A5F5A7

 A500A0

 A5FFA8

# Harmonies

## Analogous

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



8D89B2



A582A4



B37E90

# Triad

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



A582A4



9E8B64



4F989E

# Complementary

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



A582A4



82A583

# 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.



5B988A



A582A4



899168

# Square

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



A582A4



AE846C



719676



5795AE

# Rectangle

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



A582A4



B77E82



719676



519898



# Sweetspot

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



A582A4



D6C9D6



8382A5



6B646B



EBEBEB



6B6B6B



# Same Dimension

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



A582A4



D6A1D5



A58293



524951



91008D



120011



# Inverse Universe

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



A582A4



D6A1D5



82A594



524951



91008D

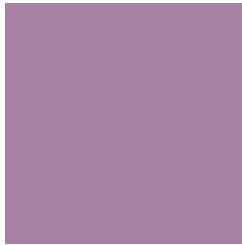


120011



# Previews

## White Background



This preview shows how the Hex color A582A4 looks on a white background.

## Color Contrast Check

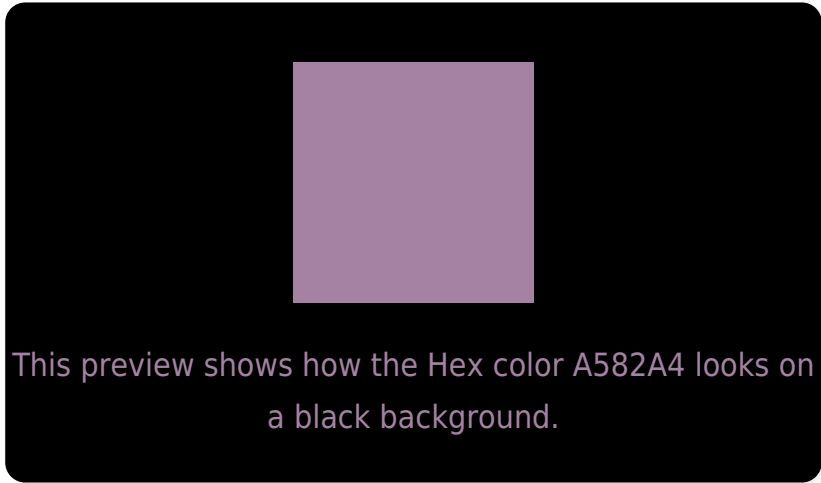
Large Text (above 18pt) WCAG AA ✓ Pass

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

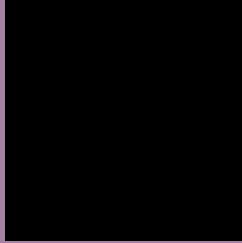
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A582A4 Background



This preview shows how black text looks on a background with the Hex color A582A4.



This preview shows how white text looks on a background with the Hex color A582A4.

# 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**  
A582A4

**Protanopia**  
878CAB

**Deuteranopia**  
918AA3



**Tritanopia**  
A28690

# Trichromacy



**Original Color**  
A582A4

**Protanomaly**  
9288A8

**Deuteranomaly**  
9887A3

**Tritanomaly**  
A38597

# Monochromacy



**Original Color**  
A582A4

**Achromatopsia**  
909090

**Achromatomaly**  
988B97

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A582A4 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 #A582A4 looks like.

```
.text, #text, p{  
    color:#A582A4  
}
```

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 #A582A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A582A4
}
```

## Border

The CSS property to change the border of an element to Hex A582A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

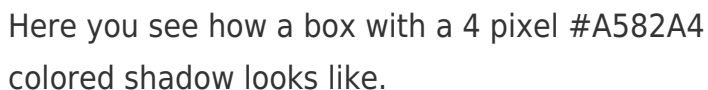
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A582A4 }
```

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

```
.border{ border-color:#A582A4 }
```

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



Here you see how a box with a 4 pixel #A582A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A582A4; -webkit-box-shadow:4px 4px  
4px 4px #A582A4; box-shadow:4px 4px 4px  
4px #A582A4 }
```

# Background

The CSS property to change the background color of an element to Hex A582A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A582A4 }
```

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

```
.background{ background-color:#A582A4 }
```

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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