

# Converting Colors

Hex(A558A3)

Have a look what the booklet for  
Hex(A558A3) contains.

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# Color

**Hex(A558A3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A558A3
RGB	165, 88, 163
RGB Percent	65%, 35%, 64%
CMY	0.3529, 0.6549, 0.3608
CMYK	0.00, 0.47, 0.01, 0.35
HSL	302°, 30%, 50%
HSV	302°, 47%, 65%
XYZ	25.6176, 17.6231, 36.7017
YIQ	119.5730, 21.8170, 39.6490

# Conversions

## Conversions Part 2

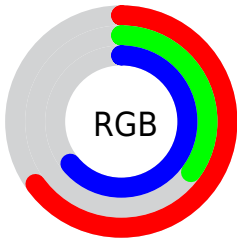
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 88, 163
Decimal	10836131
CIE <sub>Lab</sub>	49.04, 42.65, -27.06
CIE <sub>LCh</sub>	49, 50.509, 327.607
Yxy	17.6231, 0.3205, 0.2204
Android (android.graphics.Color)	4289026211 (0xFFA558A3)
YUV	119.5730, 21.4095, 39.8395
Hunter-Lab	41.9799, 35.4622, -22.4495

# Details

The Hex color **A558A3** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **58A55A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **DE8CDA**, and **6F256F** is the 20% darker color. If you saturate the color by 10%, you get **A548A3**, and if you desaturate by 10%, it is **A568A3**.

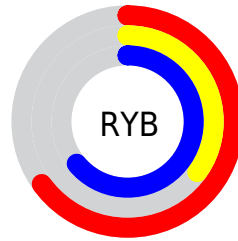
# Distribution



Red (65%)

Green (35%)

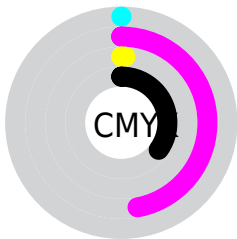
Blue (64%)



Red (65%)

Yellow (35%)

Blue (64%)

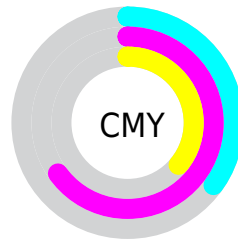


Cyan (0%)

Magenta (47%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (65%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A558A3 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 A558A3 by changing the saturation by 10% instead.



 A558A3

 A558A3

FFFFFF

 8A3F89

 DE8CDA

 6F256F

 FBA8F7

 550656

 FFC3FF

 3C003F

 FFE0FF

 270029

 FFFDFD

 000112

 000000

 A558A3

 A558A3

 A548A3

 A568A3

 A537A2

 A579A4

 A527A2

 A58AA4

 A516A1

 A59AA5

 A506A1

 A5ABA5

 A500A1

 A5BBA6

 A5CBA6

 A5DCA6

 A5ECA7

# Harmonies

## Analogous

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



6F6BC1



A558A3



BF4C7A

# Triad

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



A558A3



8D7115



00899B

# Complementary

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



A558A3



58A55A

# 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.



008970



A558A3



647E21

# Square

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



A558A3



AE612B



258544



0084BC

# Rectangle

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



A558A3



C24D5D



258544



00898D



# Sweetspot

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



A558A3



D6B8D5



5958A5



6B596B



EBEBEB



6B6B6B



# Same Dimension

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



A558A3



D65ED3



A5587D



524951



91008E



120011



# Inverse Universe

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



A558A3



D65ED3



58A580



524951



91008E



120011



# Previews

## White Background



This preview shows how the Hex color A558A3 looks on a white background.

## Color Contrast Check

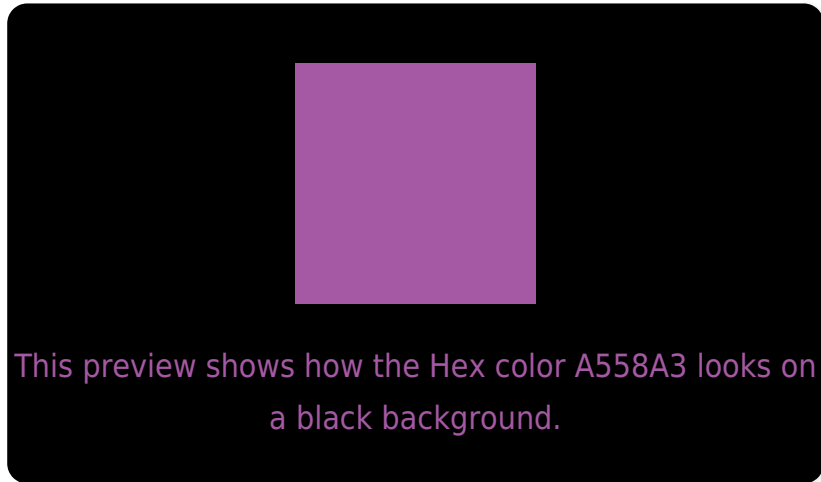
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

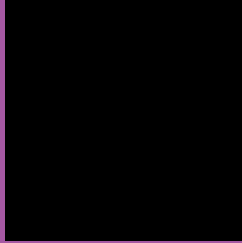
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A558A3 Background



This preview shows how black text looks on a background with the Hex color A558A3.

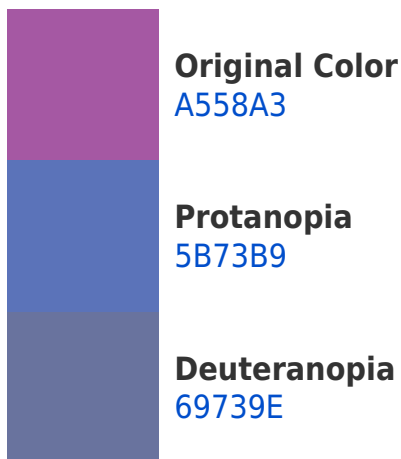



This preview shows how white text looks on a background with the Hex color A558A3.

# 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](#).

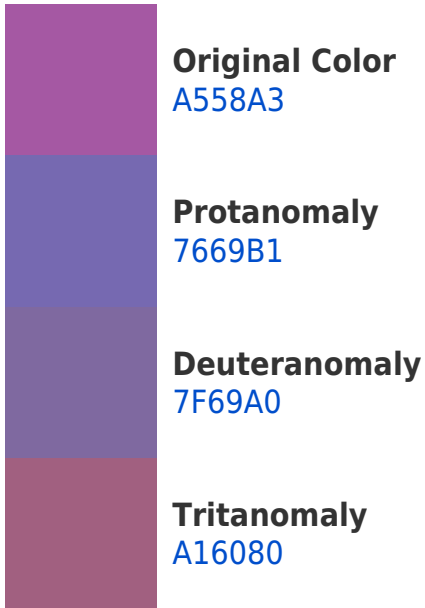
## Dichromacy



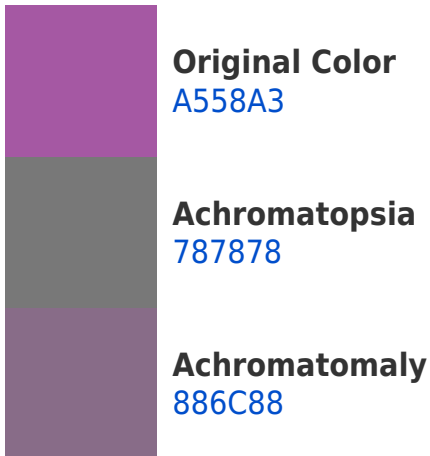


**Tritanopia**  
9E656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A558A3 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 #A558A3 looks like.

```
.text, #text, p{  
    color:#A558A3  
}
```

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 #A558A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A558A3
}
```

## Border

The CSS property to change the border of an element to Hex A558A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

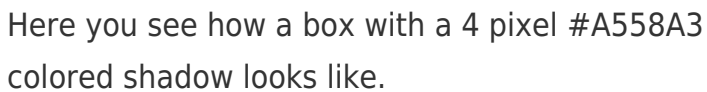
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A558A3 }
```

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

```
.border{ border-color:#A558A3 }
```

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



Here you see how a box with a 4 pixel #A558A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A558A3; -webkit-box-shadow:4px 4px  
4px 4px #A558A3; box-shadow:4px 4px 4px  
4px #A558A3 }
```

# Background

The CSS property to change the background color of an element to Hex A558A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A558A3 }
```

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

```
.background{ background-color:#A558A3 }
```

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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