

# Converting Colors

Hex(A5808E)

Have a look what the booklet for  
Hex(A5808E) contains.

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**Color**

**Hex(A5808E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5808E
RGB	165, 128, 142
RGB Percent	65%, 50%, 56%
CMY	0.3529, 0.4980, 0.4431
CMYK	0.00, 0.22, 0.14, 0.35
HSL	337°, 17%, 57%
HSV	337°, 22%, 65%
XYZ	28.1187, 25.3907, 29.0101
YIQ	140.6590, 17.5580, 12.1980

# Conversions

## Conversions Part 2

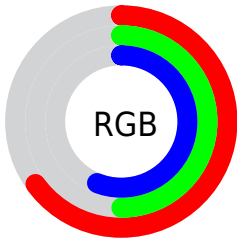
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	165, 128, 142
Decimal	10846350
CIE Lab	57.45, 16.55, -2.05
CIE LCh	57, 16.676, 352.941
Yxy	25.3907, 0.3408, 0.3077
Android (android.graphics.Color)	4289036430 (0xFFA5808E)
YUV	140.6590, 0.6611, 21.3471
Hunter-Lab	50.3892, 11.4275, 1.1380

# Details

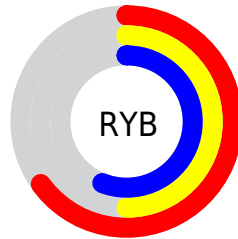
The Hex color **A5808E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **80A597**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **DCB5C4**, and **714F5C** is the 20% darker color. If you saturate the color by 10%, you get **A56F84**, and if you desaturate by 10%, it is **A59098**.

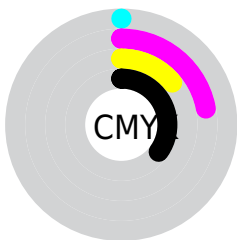
# Distribution



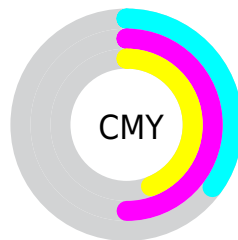
- Red (65%)
- Green (50%)
- Blue (56%)



- Red (65%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (35%)



- Cyan (35%)
- Magenta (50%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5808E 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 A5808E by changing the saturation by 10% instead.



 A5808E

 A5808E

FFFFFF

 8A6774

 DCB5C4

 714F5C

 F9D1E0

 583744

 FFEDFC

 40212E

 290D1A

 0E0000

 000000

 A5808E

 A5808E

 A56F84

 A59098

 A55F79

 A5A1A3

 A54E6F

 A5B1AD

 A53E65

 A5C2B7

 A52D5B

 A5D2C1

 A51D50

 A5E3CC

 A50C46

 A5F3D6

 A5003E

 A5FFE0

 A5FFEA

# Harmonies

## Analogous

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



9A839C



A5808E



A8807F

# Triad

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



A5808E



898D6F



6690A1

# Complementary

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



A5808E



80A597

# 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.



629295



A5808E



799078

# Square

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



A5808E



99886D



6A9286



758CA6

# Rectangle

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



A5808E



A68277



6A9286



64919D



# Sweetspot

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



A5808E



D6C7CD



9780A5



6B6366



EBEBEB



6B6B6B



# Same Dimension

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



A5808E



D69CB2



A58480



52494D



910037



120007



# Inverse Universe

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



A5808E



D69CB2



80A1A5



52494D



910037

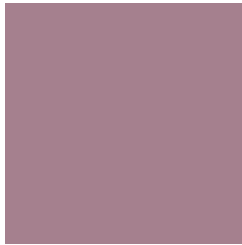


120007



# Previews

## White Background



This preview shows how the Hex color A5808E looks on a white background.

## Color Contrast Check

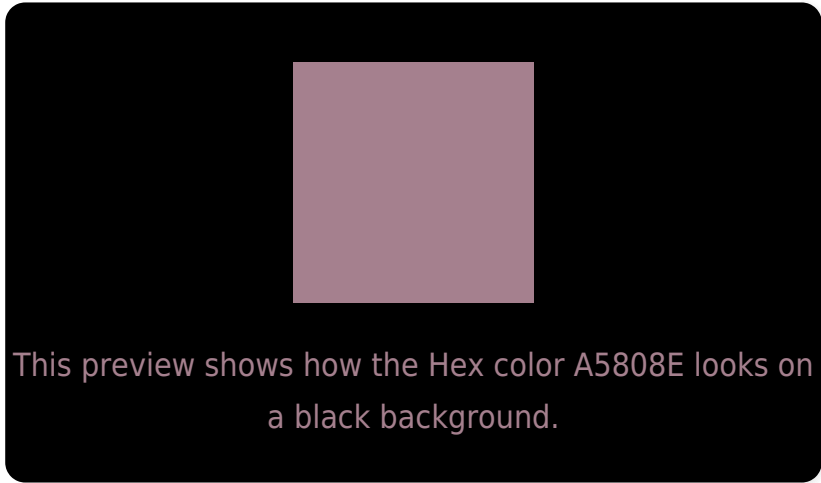
Large Text (above 18pt) WCAG AA ✓ Pass

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 A5808E Background



This preview shows how black text looks on a background with the Hex color A5808E.

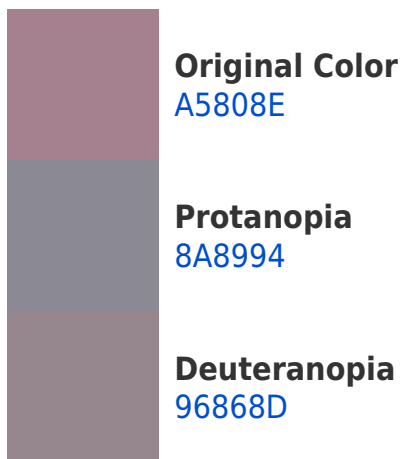


This preview shows how white text looks on a background with the Hex color A5808E.

# 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**  
A5818B

# Trichromacy



**Original Color**  
A5808E

**Protanomaly**  
948692

**Deuteranomaly**  
9B848D

**Tritanomaly**  
A5818C

# Monochromacy



**Original Color**  
A5808E

**Achromatopsia**  
8D8D8D

**Achromatomaly**  
96888D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5808E 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 #A5808E looks like.

```
.text, #text, p{  
    color:#A5808E  
}
```

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 #A5808E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5808E
}
```

## Border

The CSS property to change the border of an element to Hex A5808E is called "border". The border property can be set on classes, ids or directly on the HTML element.

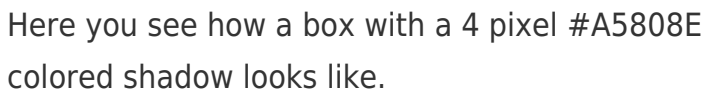
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A5808E }
```

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

```
.border{ border-color:#A5808E }
```

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



Here you see how a box with a 4 pixel #A5808E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5808E; -webkit-box-shadow:4px 4px  
4px 4px #A5808E; box-shadow:4px 4px 4px  
4px #A5808E }
```

# Background

The CSS property to change the background color of an element to Hex A5808E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5808E }
```

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

```
.background{ background-color:#A5808E }
```

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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