

# Converting Colors

Hex(9A508E)

Have a look what the booklet for  
Hex(9A508E) contains.

<b>Hex(9A508E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(9A508E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A508E
RGB	154, 80, 142
RGB Percent	60%, 31%, 56%
CMY	0.3961, 0.6863, 0.4431
CMYK	0.00, 0.48, 0.08, 0.40
HSL	310°, 32%, 46%
HSV	310°, 48%, 60%
XYZ	21.0776, 14.5603, 27.2907
YIQ	109.1940, 24.2020, 34.9700

# Conversions

## Conversions Part 2

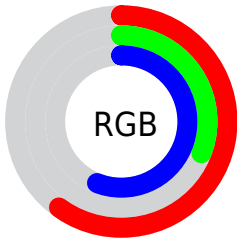
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 80, 142
Decimal	10113166
CIELab	45.03, 39.60, -20.88
CIELCh	45, 44.769, 332.195
Yxy	14.5603, 0.3349, 0.2314
Android (android.graphics.Color)	4288303246 (0xFF9A508E)
YUV	109.1940, 16.1734, 39.2949
Hunter-Lab	38.1580, 31.8226, -15.6937

# Details

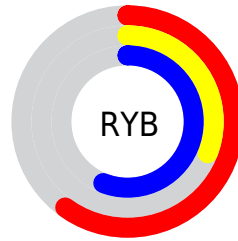
The Hex color **9A508E** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **509A5C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **D284C4**, and **651D5C** is the 20% darker color. If you saturate the color by 10%, you get **9A418C**, and if you desaturate by 10%, it is **9A5F90**.

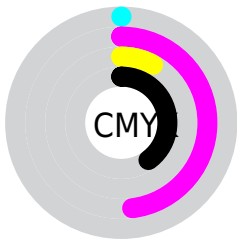
# Distribution



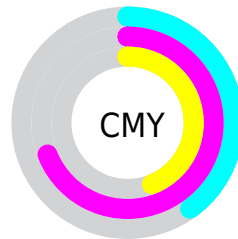
- Red (60%)
- Green (31%)
- Blue (56%)



- Red (60%)
- Yellow (31%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (8%)
- Black (40%)



- Cyan (40%)
- Magenta (69%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9A508E 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 9A508E by changing the saturation by 10% instead.



 9A508E

 9A508E

FFFFFF

 7F3774

 D284C4

 651D5C

 EF9FE0

 4B0044

 FFBAFD

 33002D

 FFD6FF

 1A0018

 FFF3FF

 000000

 9A508E

 9A508E

 9A418C

 9A5F90

 9A3189

 9A6F93

 9A2287

 9A7E95

 9A1284

 9A8E98

 9A0382

 9A9D9A

 9A0081

 9AAC9D

 9ABC9F

 9ACBA2

 9ADBA4

# Harmonies

## Analogous

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



6F60AA



9A508E



AD4869

# Triad

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



9A508E



7C6A19



007C91

# Complementary

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



9A508E



509A5C

# 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.



007D6C



9A508E



567427

# Square

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



9A508E



9A5C27



1A7A46



0077AC

# Rectangle

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



9A508E



AE4A51



1A7A46



007C86



# Sweetspot

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



9A508E



C9ADC5



5B509A



665563



E6E6E6



666666



# Same Dimension

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



9A508E



C955B7



9A506A



4D454B



8C0076



0D000B



# Inverse Universe

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



9A508E



C955B7



509A80



4D454B



8C0076

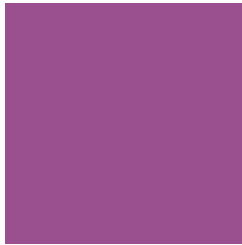


0D000B



# Previews

## White Background



This preview shows how the Hex color 9A508E looks on a white background.

## Color Contrast Check

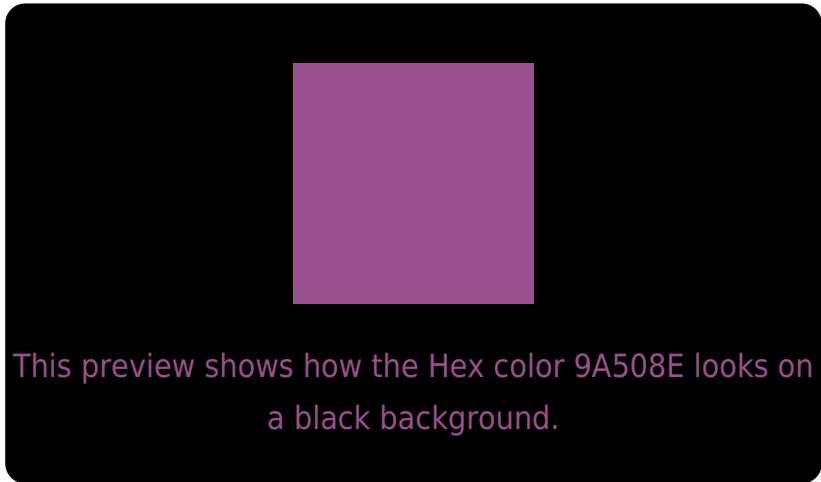
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

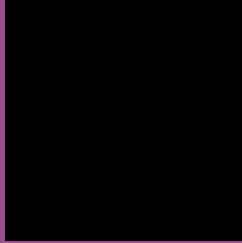
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 9A508E Background



This preview shows how black text looks on a background with the Hex color 9A508E.




This preview shows how white text looks on a background with the Hex color 9A508E.

# 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](#).

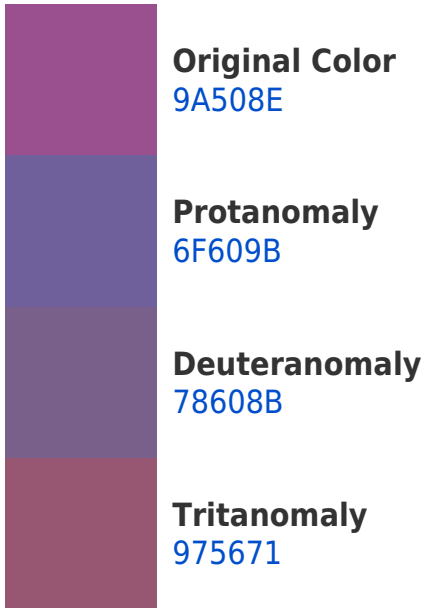
## Dichromacy



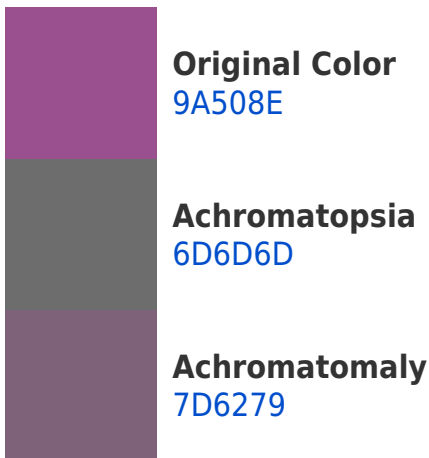


**Tritanopia**  
955A61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9A508E 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 #9A508E looks like.

```
.text, #text, p{  
    color:#9A508E  
}
```

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 #9A508E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9A508E
}
```

## Border

The CSS property to change the border of an element to Hex 9A508E is called "border". The border property can be set on classes, ids or directly on the HTML element.

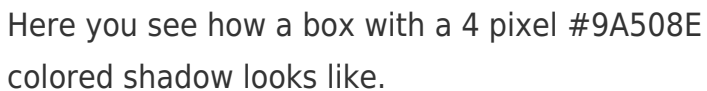
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9A508E }
```

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

```
.border{ border-color:#9A508E }
```

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



Here you see how a box with a 4 pixel #9A508E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9A508E; -webkit-box-shadow:4px 4px  
4px 4px #9A508E; box-shadow:4px 4px 4px  
4px #9A508E }
```

# Background

The CSS property to change the background color of an element to Hex 9A508E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9A508E }
```

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

```
.background{ background-color:#9A508E }
```

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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