

# Converting Colors

Hex(09708A)

Have a look what the booklet for  
Hex(09708A) contains.

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# Color

**Hex(09708A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09708A
RGB	9, 112, 138
RGB Percent	4%, 44%, 54%
CMY	0.9647, 0.5608, 0.4588
CMYK	0.93, 0.19, 0.00, 0.46
HSL	192°, 88%, 29%
HSV	192°, 93%, 54%
XYZ	10.4943, 13.4814, 26.0938
YIQ	84.1670, -69.7340, -13.7500

# Conversions

## Conversions Part 2

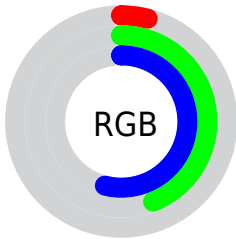
<b>Format</b>	<b>Color</b>
<b>RYB</b>	9, 66, 138
Decimal	618634
CIELab	43.48, -16.51, -21.68
CIElCh	43, 27.248, 232.708
Yxy	13.4814, 0.2096, 0.2693
Android (android.graphics.Color)	4278808714 (0xFF09708A)
YUV	84.1670, 26.5397, -65.9215
Hunter-Lab	36.7170, -13.2368, -16.4339

# Details

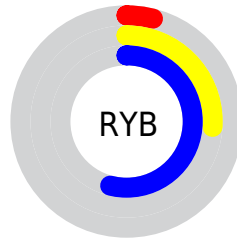
The Hex color **09708A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8A2309**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **54A4C0**, and **004058** is the 20% darker color. If you saturate the color by 10%, you get **006E8A**, and if you desaturate by 10%, it is **17738A**.

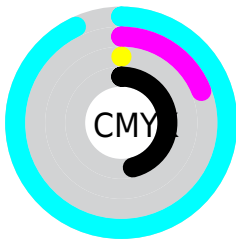
# Distribution



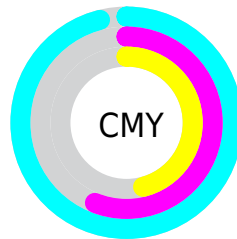
- Red (4%)
- Green (44%)
- Blue (54%)



- Red (4%)
- Yellow (26%)
- Blue (54%)



- Cyan (93%)
- Magenta (19%)
- Yellow (0%)
- Black (46%)



- Cyan (96%)
- Magenta (56%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09708A 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 09708A by changing the saturation by 10% instead.



09708A

09708A

FFFFFF

005770

54A4C0

004058

71BFDB

002A40

8DDBF8

00162A

AAF7FF

000115

C7FFFF

000000

E5FFFF

09708A

09708A

006E8A

17738A

■ 25768A

■ 32788A

■ 407B8A

■ 4E7E8A

■ 5C818A

■ 6A838A

■ 77868A

■ 85898A

# Harmonies

## Analogous

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



007377



09708A



3B6B93

# Triad

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



09708A



8F556D



646B3C

# Complementary

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



09708A



8A2309

# 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.



7A633A



09708A



935656

# Square

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



09708A



7E5B82



8B5C44



4A704B

# Rectangle

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



09708A



556693



8B5C44



6C683A



# Sweetspot

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



09708A



81A8B3



098A23



3B5359



D9D9D9



595959



# Same Dimension

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



09708A



008FB3



09308A



3E4345



006A85



000405



# Inverse Universe

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



8A0970



B3008F



8A6309



453E43



85006A



050004



# Previews

## White Background



This preview shows how the Hex color 09708A looks on a white background.

## Color Contrast Check

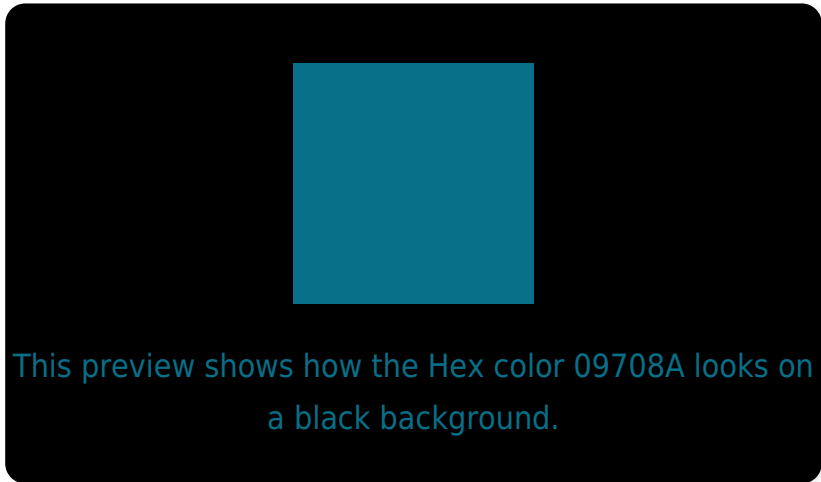
Large Text (above 18pt) WCAG AA ✓ Pass

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

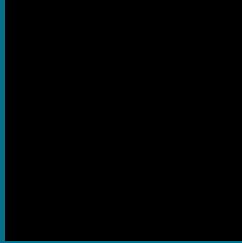
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 09708A Background



This preview shows how black text looks on a background with the Hex color 09708A.

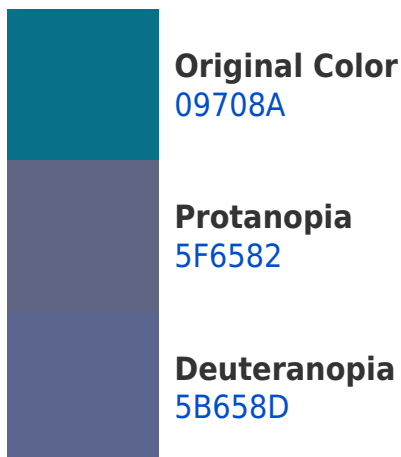


This preview shows how white text looks on a background with the Hex color 09708A.

# 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**  
00727B

# Trichromacy



**Original Color**  
09708A

**Protanomaly**  
406985

**Deuteranomaly**  
3D698C

**Tritanomaly**  
037180

# Monochromacy



**Original Color**  
09708A

**Achromatopsia**  
545454

**Achromatomaly**  
395E68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09708A 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 #09708A looks like.

```
.text, #text, p{  
    color:#09708A  
}
```

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 #09708A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09708A
}
```

## Border

The CSS property to change the border of an element to Hex 09708A 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
#09708A }
```

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

```
.border{ border-color:#09708A }
```

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

Here you see how a box with a 4 pixel #09708A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09708A; -webkit-box-shadow:4px 4px  
4px 4px #09708A; box-shadow:4px 4px 4px  
4px #09708A }
```

# Background

The CSS property to change the background color of an element to Hex 09708A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09708A }
```

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

```
.background{ background-color:#09708A }
```

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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