

# Converting Colors

Hex(09557A)

Have a look what the booklet for  
Hex(09557A) contains.

<b>Hex(09557A)</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(09557A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	09557A
RGB	9, 85, 122
RGB Percent	4%, 33%, 48%
CMY	0.9647, 0.6667, 0.5216
CMYK	0.93, 0.30, 0.00, 0.52
HSL	200°, 86%, 26%
HSV	200°, 93%, 48%
XYZ	6.8740, 7.9602, 19.5865
YIQ	66.4940, -57.1730, -4.6050

# Conversions

## Conversions Part 2

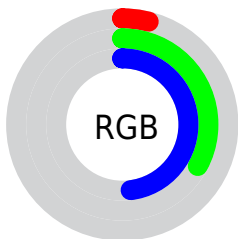
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	9, 54, 122
Decimal	611706
CIE Lab	33.90, -6.77, -26.87
CIE LCh	34, 27.705, 255.861
Yxy	7.9602, 0.1997, 0.2313
Android (android.graphics.Color)	4278801786 (0xFF09557A)
YUV	66.4940, 27.3645, -50.4222
Hunter-Lab	28.2139, -5.8846, -21.4104

# Details

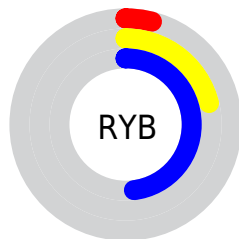
The Hex color **09557A** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7A2E09**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4E86AF**, and **002849** is the 20% darker color. If you saturate the color by 10%, you get **00527A**, and if you desaturate by 10%, it is **15597A**.

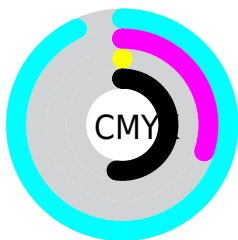
# Distribution



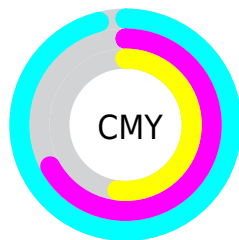
- Red (4%)
- Green (33%)
- Blue (48%)



- Red (4%)
- Yellow (21%)
- Blue (48%)



- Cyan (93%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (96%)
- Magenta (67%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 09557A 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 09557A by changing the saturation by 10% instead.



09557A

09557A

FFFFFF

003E61

4E86AF

002849

6AA1CA

001432

85BCE6

00021D

A1D7FF

000000

BEF4FF

DBFFFF

F8FFFF

09557A

09557A

■ 00527A

■ 15597A

■ 215D7A

■ 2E617A

■ 3A657A

■ 46697A

■ 526D7A

■ 5E717A

■ 6B757A

■ 77797A

# Harmonies

## Analogous

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



00596F



09557A



414E7A

# Triad

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



09557A



7A3E45



395730

# Complementary

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



09557A



7A2E09

# 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.



525224



09557A



744331

# Square

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



09557A



733F5B



664B25



165A44

# Rectangle

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



09557A



574873



664B25



42562B



# Sweetspot

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



09557A



72909E



097A2D



34464F



CFCFCF



4F4F4F



# Same Dimension

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



09557A



006A9E



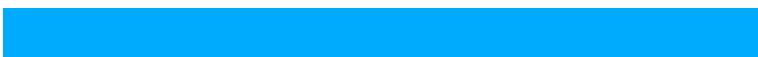
091E7A



373B3D



00547D



00AAFC



# Inverse Universe

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



7A0955



9E006A



7A6509



3D373B



7D0054



FC00AA



# Previews

## White Background



This preview shows how the Hex color 09557A looks on a white background.

## Color Contrast Check

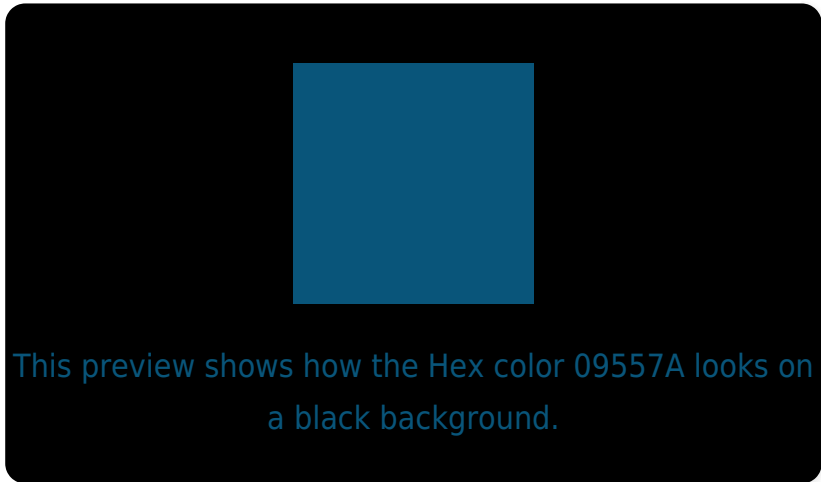
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

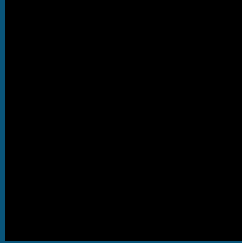
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 09557A Background



This preview shows how black text looks on a background with the Hex color 09557A.



This preview shows how white text looks on a background with the Hex color 09557A.

# 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**  
09557A

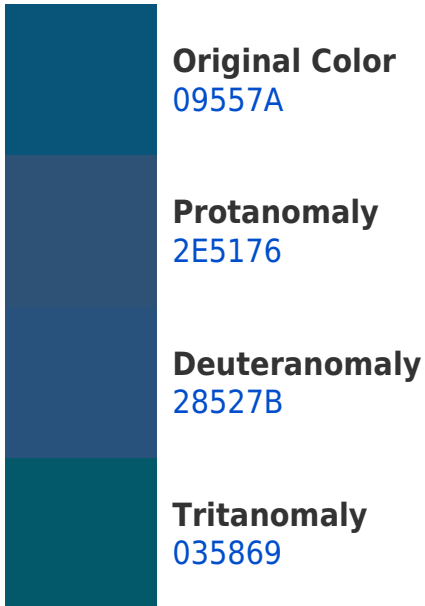
**Protanopia**  
434E74

**Deuteranopia**  
39507B



**Tritanopia**  
00595F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 09557A 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 #09557A looks like.

```
.text, #text, p{  
    color:#09557A  
}
```

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 #09557A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09557A  
}
```

## Border

The CSS property to change the border of an element to Hex 09557A 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  
#09557A }
```

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

```
.border{ border-color:#09557A }
```

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

Here you see how a box with a 4 pixel #09557A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09557A; -webkit-box-shadow:4px 4px  
4px 4px #09557A; box-shadow:4px 4px 4px  
4px #09557A }
```

# Background

The CSS property to change the background color of an element to Hex 09557A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09557A }
```

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

```
.background{ background-color:#09557A }
```

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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