

# Converting Colors

Hex(08585A)

Have a look what the booklet for  
Hex(08585A) contains.

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# Color

**Hex(08585A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	08585A
RGB	8, 88, 90
RGB Percent	3%, 35%, 35%
CMY	0.9686, 0.6549, 0.6471
CMYK	0.91, 0.02, 0.00, 0.65
HSL	181°, 84%, 19%
HSV	181°, 91%, 35%
XYZ	5.4353, 7.7693, 10.8860
YIQ	64.3080, -48.3220, -16.3380

# Conversions

## Conversions Part 2

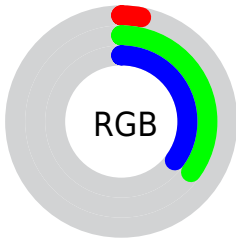
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 48, 90
Decimal	546906
CIE Lab	33.50, -20.72, -7.48
CIE LCh	33, 22.029, 199.862
Yxy	7.7693, 0.2256, 0.3225
Android (android.graphics.Color)	4278736986 (0xFF08585A)
YUV	64.3080, 12.6662, -49.3821
Hunter-Lab	27.8734, -13.9708, -3.6445

# Details

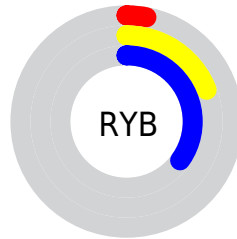
The Hex color **08585A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5A0A08**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **478A8C**, and **002A2D** is the 20% darker color. If you saturate the color by 10%, you get **00585A**, and if you desaturate by 10%, it is **11585A**.

# Distribution



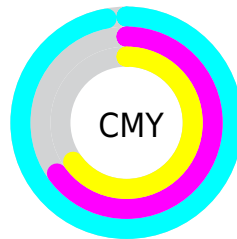
- Red (3%)
- Green (35%)
- Blue (35%)



- Red (3%)
- Yellow (19%)
- Blue (35%)



- Cyan (91%)
- Magenta (2%)
- Yellow (0%)
- Black (65%)



- Cyan (97%)
- Magenta (65%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 08585A 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 08585A by changing the saturation by 10% instead.



08585A

08585A

FFFFFF

004043

478A8C

002A2D

62A5A6

001518

7DC0C1

000000

98DCDD

B4F9FA

D1FFFF

EEFFFF

08585A

08585A

■ 00585A

■ 11585A

■ 1A585A

■ 23595A

■ 2C595A

■ 35595A

■ 3E595A

■ 475A5A

■ 505A5A

■ 595A5A

# Harmonies

## Analogous

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



245848



08585A



095669

# Triad

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



08585A



5F4665



5F4C2C

# Complementary

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



08585A



5A0A08

# 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.



6C4635



08585A



6D4255

# Square

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



08585A



484C6F



714244



4F512D

# Rectangle

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



08585A



20546F



714244



644A2E



# Sweetspot

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



08585A



567575



085A09



283A3B



BABABA



3B3B3B



# Same Dimension

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



08585A



007275



08305A



292E2E



006B6E



00E7ED



# Inverse Universe

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



5A0858



750072



5A3208



2E292E



6E006B



ED00E7



# Previews

## White Background



This preview shows how the Hex color 08585A looks on a white background.

## Color Contrast Check

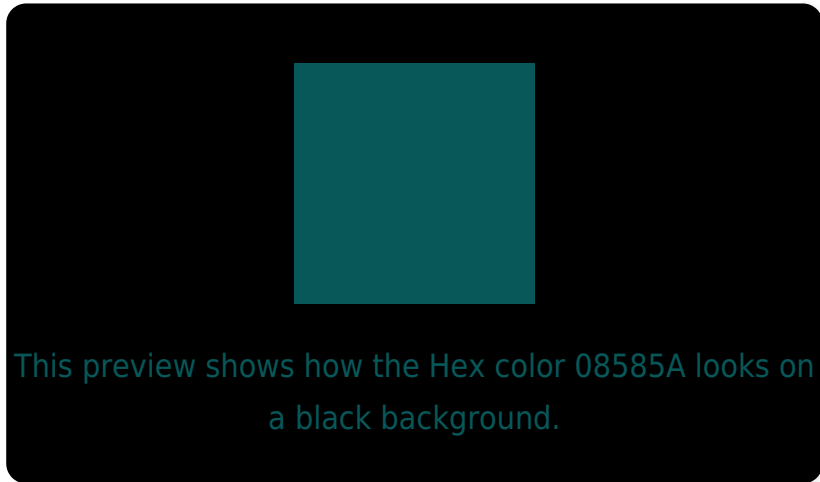
Large Text (above 18pt) WCAG AA ✓ Pass

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

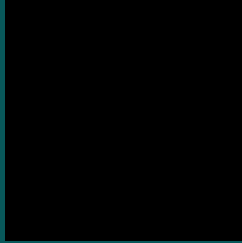
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 08585A Background



This preview shows how black text looks on a background with the Hex color 08585A.

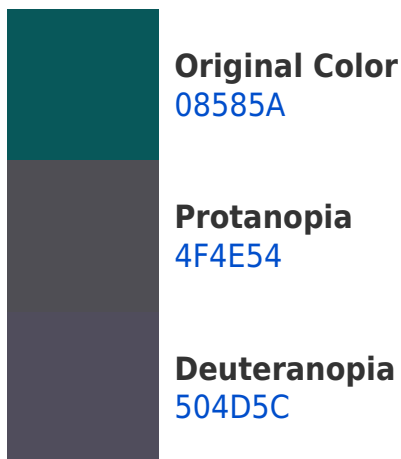


This preview shows how white text looks on a background with the Hex color 08585A.

# Color Blindness Simulation

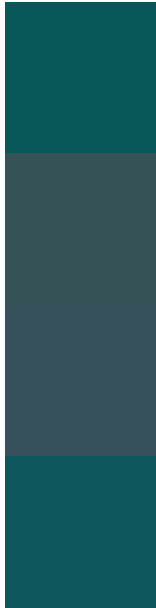
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
08585A

**Protanomaly**  
355256

**Deuteranomaly**  
36515B

**Tritanomaly**  
0D575D

# Monochromacy



**Original Color**  
08585A

**Achromatopsia**  
404040

**Achromatomaly**  
2C4949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 08585A 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 #08585A looks like.

```
.text, #text, p{  
    color:#08585A  
}
```

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 #08585A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #08585A
}
```

## Border

The CSS property to change the border of an element to Hex 08585A 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
#08585A }
```

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

```
.border{ border-color:#08585A }
```

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

Here you see how a box with a 4 pixel #08585A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #08585A; -webkit-box-shadow:4px 4px  
4px 4px #08585A; box-shadow:4px 4px 4px  
4px #08585A }
```

# Background

The CSS property to change the background color of an element to Hex 08585A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#08585A }
```

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

```
.background{ background-color:#08585A }
```

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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