

# Converting Colors

Hex(087884)

Have a look what the booklet for  
Hex(087884) contains.

<b>Hex(087884)</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(087884)

# Conversions

## Conversions Part 1

Format	Color
Hex	087884
RGB	8, 120, 132
RGB Percent	3%, 47%, 52%
CMY	0.9686, 0.5294, 0.4824
CMYK	0.94, 0.09, 0.00, 0.48
HSL	186°, 89%, 27%
HSV	186°, 94%, 52%
XYZ	10.9815, 15.1505, 24.1754
YIQ	87.8800, -70.6040, -20.0120

# Conversions

## Conversions Part 2

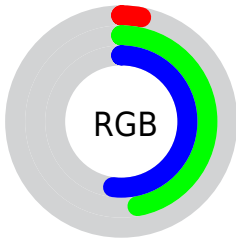
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 67, 132
Decimal	555140
CIELab	45.84, -23.02, -14.49
CIElCh	46, 27.203, 212.177
Yxy	15.1505, 0.2183, 0.3012
Android (android.graphics.Color)	4278745220 (0xFF087884)
YUV	87.8800, 21.7512, -70.0548
Hunter-Lab	38.9237, -17.7565, -9.5783

# Details

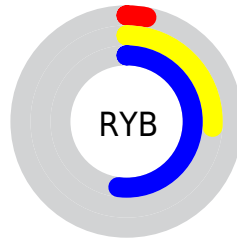
The Hex color **087884** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **841408**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54ADB9**, and **004753** is the 20% darker color. If you saturate the color by 10%, you get **007784**, and if you desaturate by 10%, it is **157984**.

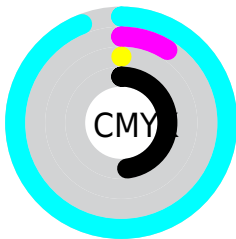
# Distribution



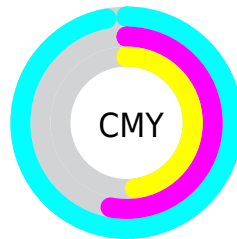
- Red (3%)
- Green (47%)
- Blue (52%)



- Red (3%)
- Yellow (26%)
- Blue (52%)



- Cyan (94%)
- Magenta (9%)
- Yellow (0%)
- Black (48%)



- Cyan (97%)
- Magenta (53%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 087884 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 087884 by changing the saturation by 10% instead.



087884

087884

FFFFFF

005F6B

54ADB9

004753

71C8D5

00303C

8DE4F1

001D26

AAFFFF

000111

C7FFFF

000000

E4FFFF

087884

087884

007784

157984

■ 227B84

■ 307C84

■ 3D7D84

■ 4A7E84

■ 578084

■ 648184

■ 728284

■ 7F8384

# Harmonies

## Analogous

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



27796D



087884



257594

# Triad

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



087884



8B5E82



7A6C3F

# Complementary

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



087884



841408

# 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.



8D6445



087884



975B6C

# Square

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



087884



716693



985D55



627245

# Rectangle

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



087884



417199



985D55



81693F



# Sweetspot

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



087884



7BA6AB



088412



395457



D6D6D6



575757



# Same Dimension

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



087884



009AAB



083C84



3C4242



007582



000203



# Inverse Universe

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



840878



AB009A



845008



423C42



820075



030002



# Previews

## White Background



This preview shows how the Hex color 087884 looks on a white background.

## Color Contrast Check

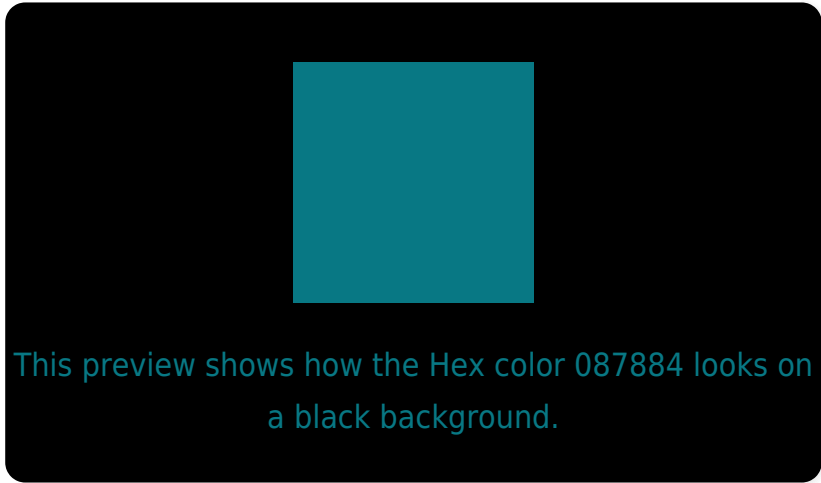
Large Text (above 18pt) WCAG AA ✓ Pass

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

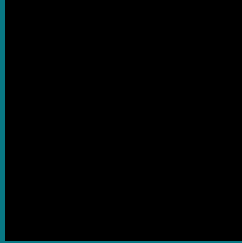
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 087884 Background



This preview shows how black text looks on a background with the Hex color 087884.

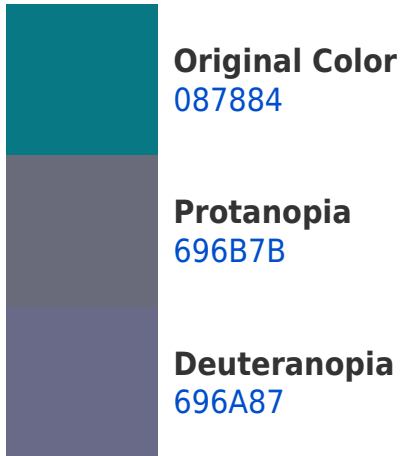


This preview shows how white text looks on a background with the Hex color 087884.

# Color Blindness Simulation

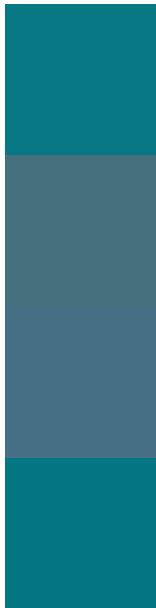
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
087884

**Protanomaly**  
46707E

**Deuteranomaly**  
466F86

**Tritanomaly**  
037883

# Monochromacy



**Original Color**  
087884

**Achromatopsia**  
585858

**Achromatomaly**  
3B6468

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 087884 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 #087884 looks like.

```
.text, #text, p{  
    color:#087884  
}
```

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 #087884 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087884
}
```

## Border

The CSS property to change the border of an element to Hex 087884 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
#087884 }
```

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

```
.border{ border-color:#087884 }
```

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

Here you see how a box with a 4 pixel #087884 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087884; -webkit-box-shadow:4px 4px  
4px 4px #087884; box-shadow:4px 4px 4px  
4px #087884 }
```

# Background

The CSS property to change the background color of an element to Hex 087884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087884 }
```

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

```
.background{ background-color:#087884 }
```

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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