

# Converting Colors

Hex(087880)

Have a look what the booklet for  
Hex(087880) contains.

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**Color**

**Hex(087880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	087880
RGB	8, 120, 128
RGB Percent	3%, 47%, 50%
CMY	0.9686, 0.5294, 0.4980
CMYK	0.94, 0.06, 0.00, 0.50
HSL	184°, 88%, 27%
HSV	184°, 94%, 50%
XYZ	10.7129, 15.0431, 22.7611
YIQ	87.4240, -69.3200, -21.2560

# Conversions

## Conversions Part 2

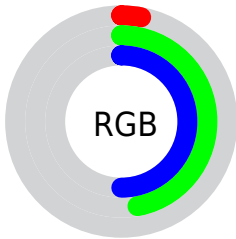
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 66, 128
Decimal	555136
CIELab	45.69, -24.40, -12.33
CIELCh	46, 27.334, 206.813
Yxy	15.0431, 0.2208, 0.3101
Android (android.graphics.Color)	4278745216 (0xFF087880)
YUV	87.4240, 20.0040, -69.6548
Hunter-Lab	38.7854, -18.5711, -7.6443

# Details

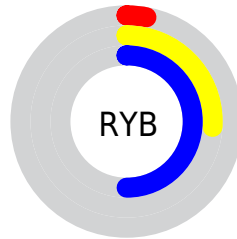
The Hex color **087880** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **801008**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **53ADB5**, and **00474F** is the 20% darker color. If you saturate the color by 10%, you get **007780**, and if you desaturate by 10%, it is **157980**.

# Distribution



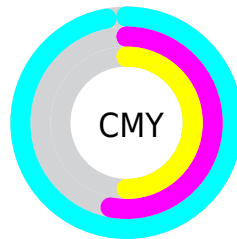
- Red (3%)
- Green (47%)
- Blue (50%)



- Red (3%)
- Yellow (26%)
- Blue (50%)



- Cyan (94%)
- Magenta (6%)
- Yellow (0%)
- Black (50%)



- Cyan (97%)
- Magenta (53%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 087880 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 087880 by changing the saturation by 10% instead.



087880

087880

FFFFFF

005F67

53ADB5

00474F

70C8D0

003038

8CE4ED

001D23

A9FFFF

00000C

C6FFFF

000000

E3FFFF

087880

087880

007780

157980

 227A80

 2E7B80

 3B7B80

 487C80

 557D80

 627E80

 6E7F80

 7B8080

# Harmonies

## Analogous

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



2C7869



087880



1C7592

# Triad

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



087880



875F85



7D6A3E

# Complementary

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



087880



801008

# 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.



8F6247



087880



965B70

# Square

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



087880



6B6795



985C59



667143

# Rectangle

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



087880



397198



985C59



846740



# Sweetspot

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



087880



77A3A6



088010



385254



D4D4D4



545454



# Same Dimension

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



087880



009BA6



083C80



393F40



007780



000000



# Inverse Universe

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



800878



A6009B



804C08



40393F



800077



000000



# Previews

## White Background



This preview shows how the Hex color 087880 looks on a white background.

## Color Contrast Check

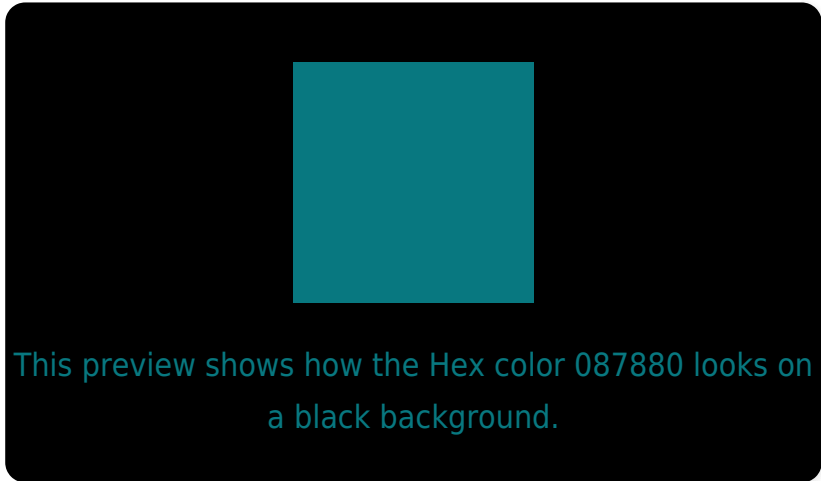
Large Text (above 18pt) WCAG AA ✓ Pass

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

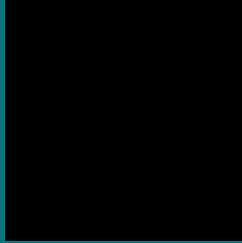
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 087880 Background



This preview shows how black text looks on a background with the Hex color 087880.

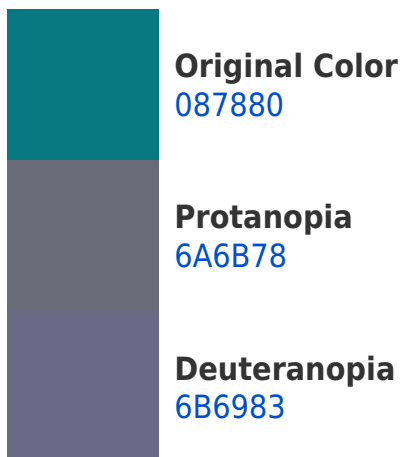


This preview shows how white text looks on a background with the Hex color 087880.

# 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



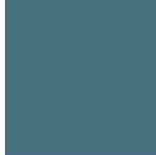


**Tritanopia**  
0D7882

# Trichromacy



**Original Color**  
087880



**Protanomaly**  
46707B



**Deuteranomaly**  
476E82



**Tritanomaly**  
0B7881

# Monochromacy



**Original Color**  
087880



**Achromatopsia**  
575757



**Achromatomaly**  
3A6366

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 087880 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 #087880 looks like.

```
.text, #text, p{  
    color:#087880  
}
```

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 #087880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #087880
}
```

## Border

The CSS property to change the border of an element to Hex 087880 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
#087880 }
```

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

```
.border{ border-color:#087880 }
```

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

Here you see how a box with a 4 pixel #087880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #087880; -webkit-box-shadow:4px 4px  
4px 4px #087880; box-shadow:4px 4px 4px  
4px #087880 }
```

# Background

The CSS property to change the background color of an element to Hex 087880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#087880 }
```

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

```
.background{ background-color:#087880 }
```

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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