

Converting Colors

Decimal(880766)

Have a look what the booklet for
Decimal(880766) contains.

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Color

Decimal(880766)

Conversions

Conversions Part 1

Format	Color
Hex	0D707E
RGB	13, 112, 126
RGB Percent	5%, 44%, 49%
CMY	0.9490, 0.5608, 0.5059
CMYK	0.90, 0.11, 0.00, 0.51
HSL	187°, 81%, 27%
HSV	187°, 90%, 49%
XYZ	9.7260, 13.1803, 21.7701
YIQ	83.9950, -63.4980, -16.6340

Conversions

Conversions Part 2

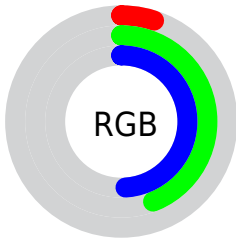
Format	Color
RYB	13, 66, 126
Decimal	880766
CIELab	43.03, -20.59, -15.17
CIELCh	43, 25.572, 216.379
Yxy	13.1803, 0.2177, 0.2950
Android (android.graphics.Color)	4279070846 (0xFF0D707E)
YUV	83.9950, 20.7085, -62.2626
Hunter-Lab	36.3046, -15.7128, -10.1400

Details

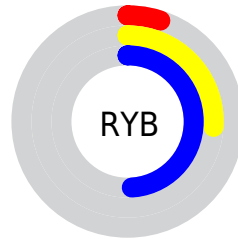
The Decimal color **880766** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8264461**, and the grayscale version is **5526612**.

A 20% lighter version of the original color is **5481651**, and **16461** is the 20% darker color. If you saturate the color by 10%, you get **28286**, and if you desaturate by 10%, it is **1733246**.

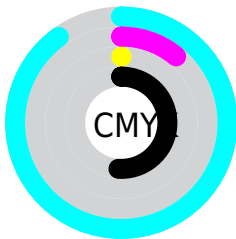
Distribution



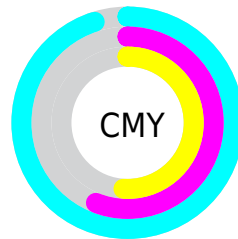
- Red (5%)
- Green (44%)
- Blue (49%)



- Red (5%)
- Yellow (26%)
- Blue (49%)



- Cyan (90%)
- Magenta (11%)
- Yellow (0%)
- Black (51%)



- Cyan (95%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 880766 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 Decimal color 880766 by changing the saturation by 10% instead.



880766



880766

16777215



22373



5481651



16461



7323598



10550



9165802



5153



11073791



8



12976127



0



14876671



880766



880766



28286



1733246

■ 2519934

■ 3372414

■ 4159102

■ 5011582

■ 5863806

■ 6650750

■ 7502974

■ 8289918

Harmonies

Analogous

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



2257258



880766



2780300

Triad

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



880766



8673399



7300667

Complementary

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



880766



8264461

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.



8544063



880766



9327970

Square

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



880766



7233416



9263182



5794883

Rectangle

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



880766



4417679



9263182



7758651

Sweetspot

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



880766



7839395



884250



3624530



13750737



5395026

Same Dimension

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



880766



36771



866430



3751744



28800



0

Inverse Universe

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



8260976



10682511



8278797



4208959



8388720



0

Previews

White Background



This preview shows how the Decimal color 880766 looks on a white background.

Color Contrast Check

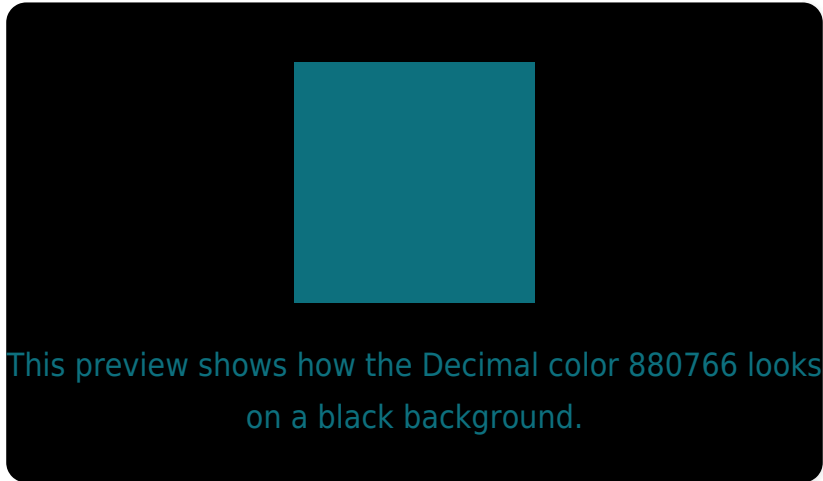
Large Text (above 18pt) WCAG AA ✓ Pass

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

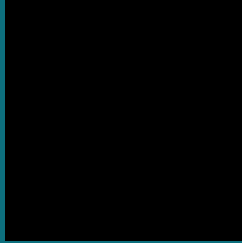
Any Text WCAG AA × Fail

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](#).

Decimal 880766 Background



This preview shows how black text looks on a background with the Decimal color 880766.

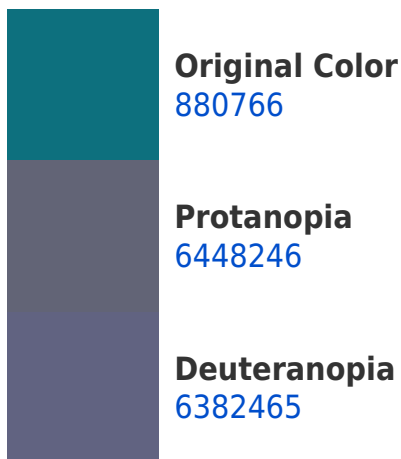


This preview shows how white text looks on a background with the Decimal color 880766.

Color Blindness Simulation

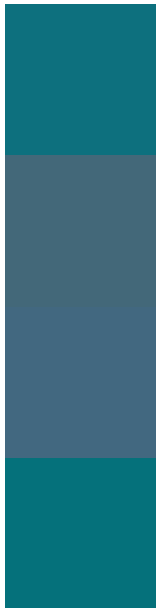
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Original Color
880766

Protanomaly
4417657

Deuteranomaly
4352128

Tritanomaly
356731

Monochromacy



Original Color
880766

Achromatopsia
5526612

Achromatomaly
3825251

CSS Examples

Text

The CSS property to change the color of the text to Decimal 880766 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 #0D707E looks like.

```
.text, #text, p{  
    color:#0D707E  
}
```

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 #0D707E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D707E
}
```

Border

The CSS property to change the border of an element to Decimal 880766 is called "border". The border property can be set on classes, ids or directly on the HTML element.

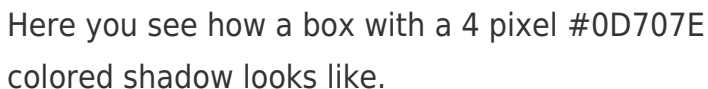
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D707E }
```

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

```
.border{ border-color:#0D707E }
```

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



Here you see how a box with a 4 pixel #0D707E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D707E; -webkit-box-shadow:4px 4px  
4px 4px #0D707E; box-shadow:4px 4px 4px  
4px #0D707E }
```

Background

The CSS property to change the background color of an element to Decimal 880766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D707E }
```

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

```
.background{ background-color:#0D707E }
```

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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