

Converting Colors

Decimal(877439)

Have a look what the booklet for
Decimal(877439) contains.

Decimal(877439)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Decimal(877439)

Conversions

Conversions Part 1

Format	Color
Hex	0D637F
RGB	13, 99, 127
RGB Percent	5%, 39%, 50%
CMY	0.9490, 0.6118, 0.5020
CMYK	0.90, 0.22, 0.00, 0.50
HSL	195°, 81%, 27%
HSV	195°, 90%, 50%
XYZ	8.4586, 10.5416, 21.6676
YIQ	76.4780, -60.2440, -9.5240

Conversions

Conversions Part 2

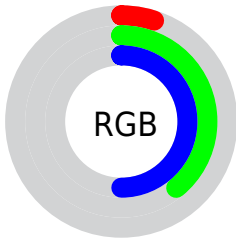
Format	Color
R_{YB}	13, 62, 127
Decimal	877439
CIE _{Lab}	38.80, -12.96, -22.29
CIE _{LCh}	39, 25.783, 239.815
Yxy	10.5416, 0.2080, 0.2592
Android (android.graphics.Color)	4279067519 (0xFF0D637F)
YUV	76.4780, 24.9073, -55.6702
Hunter-Lab	32.4678, -10.3153, -16.8402

Details

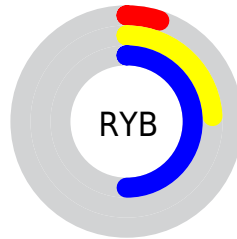
The Decimal color **877439** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8333581**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5346996**, and **13390** is the 20% darker color. If you saturate the color by 10%, you get **24703**, and if you desaturate by 10%, it is **1730175**.

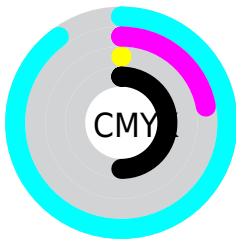
Distribution



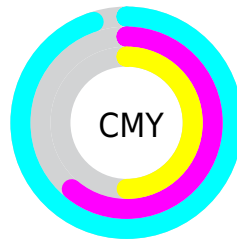
- Red (5%)
- Green (39%)
- Blue (50%)



- Red (5%)
- Yellow (24%)
- Blue (50%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (50%)



- Cyan (95%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 877439 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 877439 by changing the saturation by 10% instead.

■ 877439

■ 877439

16777215

■ 19302

■ 5346996

■ 13390

■ 7254479

■ 7991

■ 9096428

■ 546

■ 10938623

■ 7

■ 12779519

■ 0

■ 14745599

■ 16646143

■ 877439

■ 877439

■ 24703

■ 1730175

■ 2517375

■ 3370111

■ 4222847

■ 5010303

■ 5863039

■ 6715775

■ 7568511

■ 8355711

Harmonies

Analogous

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



26223



877439



3890565

Triad

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



877439



8538972



5464118

Complementary

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



877439



8333581

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.



6904369



877439



8605000

Square

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



877439



7688049



8016696



3826758

Rectangle

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



877439



5462403



8016696



5987891

Sweetspot

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



877439



7969702



884520



3755604



13948116



5526612

Same Dimension

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



877439



32166



863103



3751488



24704



0

Inverse Universe

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



8326499



10879101



8347917



4208958



8388704



0

Previews

White Background



This preview shows how the Decimal color 877439 looks on a white background.

Color Contrast Check

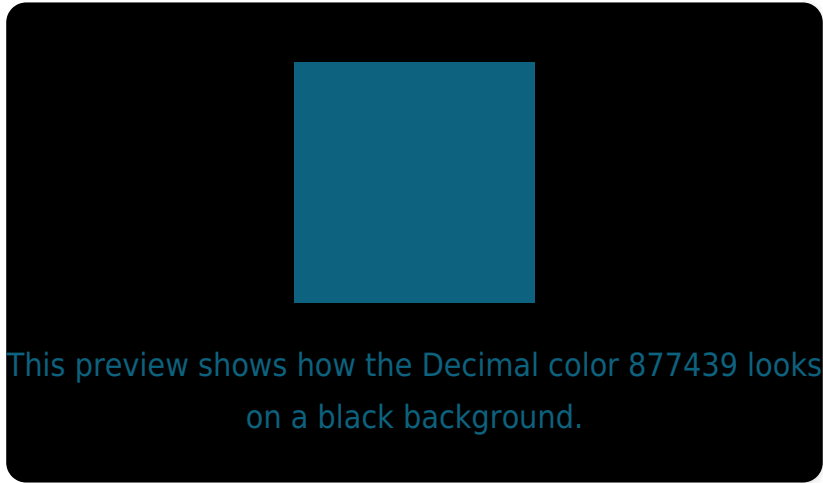
Large Text (above 18pt) WCAG AA ✓ Pass

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

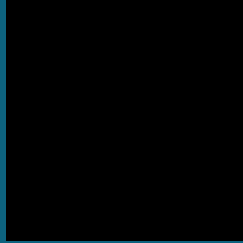
Any Text WCAG AA × Fail

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 877439 Background



This preview shows how black text looks on a background with the Decimal color 877439.

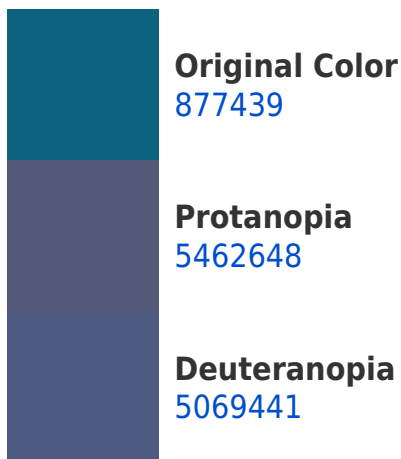


This preview shows how white text looks on a background with the Decimal color 877439.

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
877439

Protanomaly
3825019

Deuteranomaly
3562880

Monochromacy



Original Color
877439

Achromatopsia
5000268

Achromatomaly
3495007

CSS Examples

Text

The CSS property to change the color of the text to Decimal 877439 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 #0D637F looks like.

```
.text, #text, p{  
    color:#0D637F  
}
```

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 #0D637F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D637F
}
```

Border

The CSS property to change the border of an element to Decimal 877439 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
#0D637F }
```

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

```
.border{ border-color:#0D637F }
```

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

Here you see how a box with a 4 pixel #0D637F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D637F; -webkit-box-shadow:4px 4px  
4px 4px #0D637F; box-shadow:4px 4px 4px  
4px #0D637F }
```

Background

The CSS property to change the background color of an element to Decimal 877439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D637F }
```

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

```
.background{ background-color:#0D637F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor