

Converting Colors

Decimal(878199)

Have a look what the booklet for
Decimal(878199) contains.

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Color

Decimal(878199)

Conversions

Conversions Part 1

Format	Color
Hex	0D6677
RGB	13, 102, 119
RGB Percent	5%, 40%, 47%
CMY	0.9490, 0.6000, 0.5333
CMYK	0.89, 0.14, 0.00, 0.53
HSL	190°, 80%, 26%
HSV	190°, 89%, 47%
XYZ	8.2471, 10.9202, 19.1259
YIQ	77.3270, -58.5010, -13.5810

Conversions

Conversions Part 2

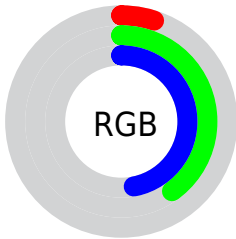
Format	Color
RYB	13, 61, 119
Decimal	878199
CIELab	39.45, -17.63, -16.41
CIELCh	39, 24.090, 222.944
Yxy	10.9202, 0.2154, 0.2852
Android (android.graphics.Color)	4279068279 (0xFF0D6677)
YUV	77.3270, 20.5448, -56.4148
Hunter-Lab	33.0458, -13.2824, -11.1833

Details

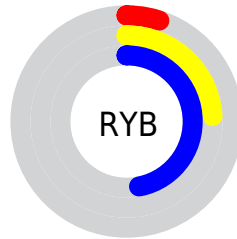
The Decimal color **878199** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7806477**, and the grayscale version is **5066061**.

A 20% lighter version of the original color is **5282219**, and **14151** is the 20% darker color. If you saturate the color by 10%, you get **91255**, and if you desaturate by 10%, it is **1665143**.

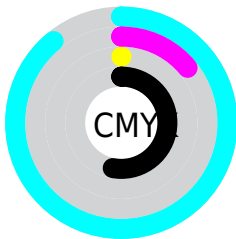
Distribution



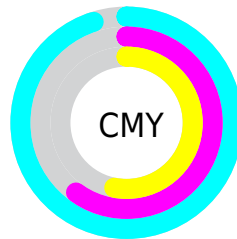
- Red (5%)
- Green (40%)
- Blue (47%)



- Red (5%)
- Yellow (24%)
- Blue (47%)



- Cyan (89%)
- Magenta (14%)
- Yellow (0%)
- Black (53%)

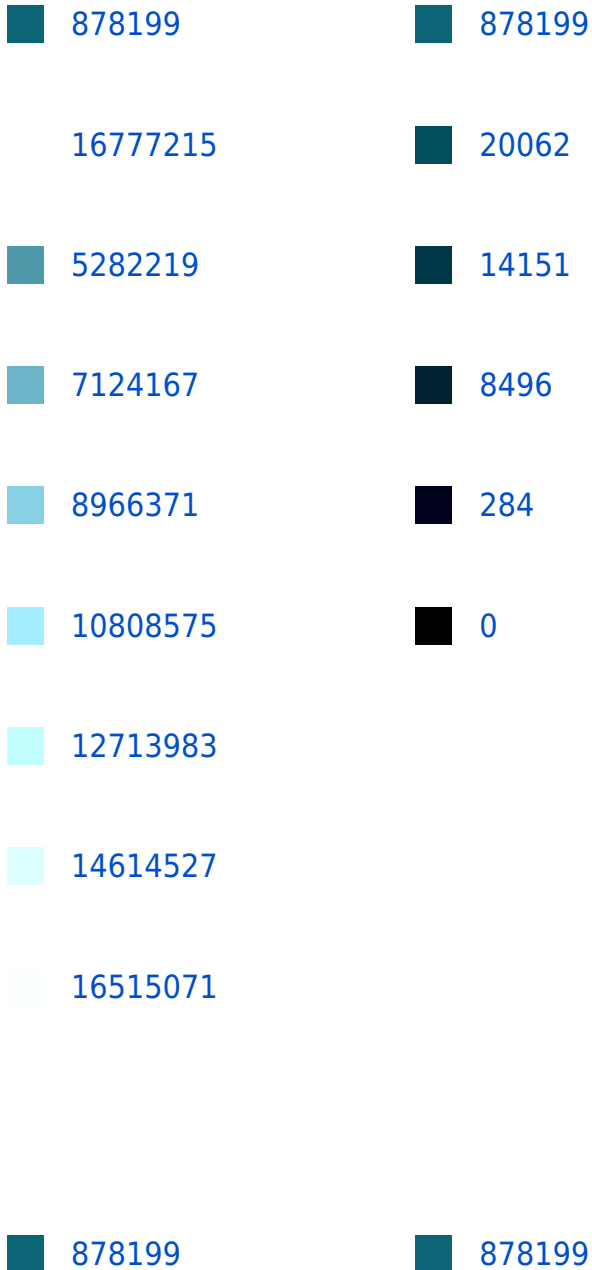


- Cyan (95%)
- Magenta (60%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 878199 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 878199 by changing the saturation by 10% instead.



■ 91255

■ 1665143

■ 25719

■ 2452087

■ 3239031

■ 4025975

■ 4747383

■ 5534071

■ 6321015

■ 7107959

■ 7894903

Harmonies

Analogous

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



1599333



878199



2974338

Triad

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



878199



8146793



6381110

Complementary

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



878199



7806477

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.



7624760



878199



8605269

Square

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



878199



6968698



8409411



5006400

Rectangle

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



878199



4480644



8409411



6839349

Sweetspot

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



878199



7509404



882461



3558223



13619151



5197647

Same Dimension

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



878199



33692



864887



3488315



26490



54010

Inverse Universe

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



7802214



10223747



7819789



3880250



7995495



16384210

Previews

White Background



This preview shows how the Decimal color 878199 looks on a white background.

Color Contrast Check

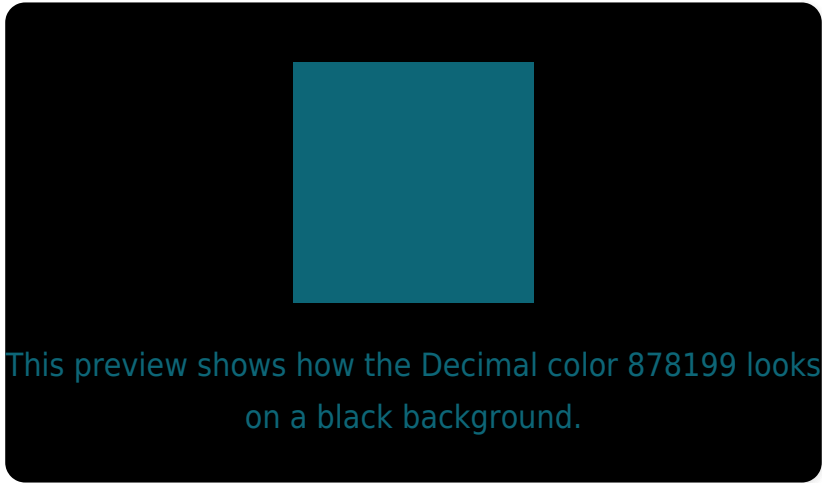
Large Text (above 18pt) WCAG AA ✓ Pass

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

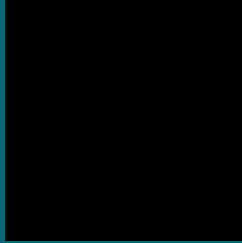
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

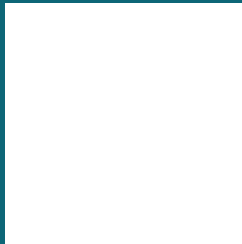
Any Text WCAG AAA × Fail

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

Decimal 878199 Background



This preview shows how black text looks on a background with the Decimal color 878199.

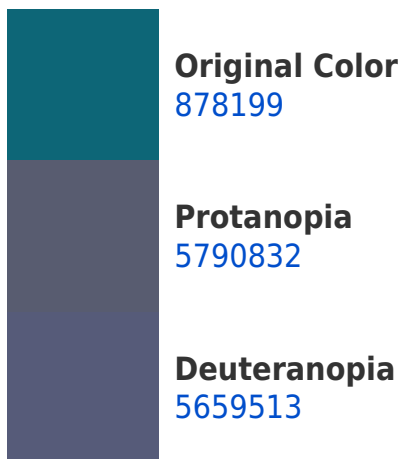


This preview shows how white text looks on a background with the Decimal color 878199.

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](#).

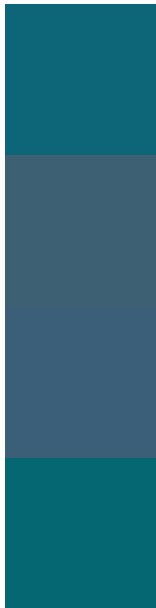
Dichromacy





Tritanopia
26479

Trichromacy



Original Color
878199

Protanomaly
4022387

Deuteranomaly
3891064

Tritanomaly
354162

Monochromacy



Original Color
878199

Achromatopsia
5066061

Achromatomaly
3561052

CSS Examples

Text

The CSS property to change the color of the text to Decimal 878199 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 #0D6677 looks like.

```
.text, #text, p{  
  color:#0D6677  
}
```

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 #0D6677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D6677  
}
```

Border

The CSS property to change the border of an element to Decimal 878199 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  
#0D6677 }
```

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

```
.border{ border-color:#0D6677 }
```

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

Here you see how a box with a 4 pixel #0D6677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D6677; -webkit-box-shadow:4px 4px  
4px 4px #0D6677; box-shadow:4px 4px 4px  
4px #0D6677 }
```

Background

The CSS property to change the background color of an element to Decimal 878199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D6677 }
```

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

```
.background{ background-color:#0D6677 }
```

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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