

# Converting Colors

Decimal(818855)

Have a look what the booklet for  
Decimal(818855) contains.

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# Color

**Decimal(818855)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C7EA7
RGB	12, 126, 167
RGB Percent	5%, 49%, 65%
CMY	0.9529, 0.5059, 0.3451
CMYK	0.93, 0.25, 0.00, 0.35
HSL	196°, 87%, 35%
HSV	196°, 93%, 65%
XYZ	14.5875, 17.7899, 39.2242
YIQ	96.5880, -81.1050, -11.4170

# Conversions

## Conversions Part 2

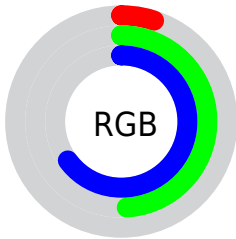
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 78, 167
Decimal	818855
CIE <sub>Lab</sub>	49.24, -13.51, -29.82
CIE <sub>LCh</sub>	49, 32.740, 245.636
Yxy	17.7899, 0.2037, 0.2485
Android (android.graphics.Color)	4279008935 (0xFF0C7EA7)
YUV	96.5880, 34.7131, -74.1837
Hunter-Lab	42.1781, -12.0764, -25.6130

# Details

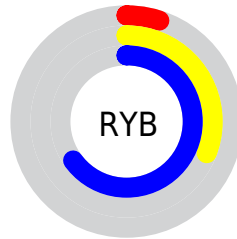
The Decimal color **818855** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10958092**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **6075358**, and **19827** is the 20% darker color. If you saturate the color by 10%, you get **31655**, and if you desaturate by 10%, it is **1933991**.

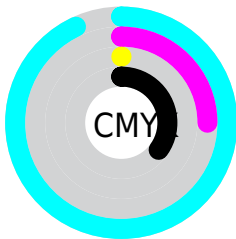
# Distribution



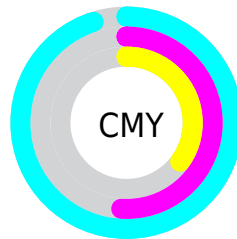
- Red (5%)
- Green (49%)
- Blue (65%)



- Red (5%)
- Yellow (31%)
- Blue (65%)



- Cyan (93%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (95%)
- Magenta (51%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 818855 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 818855 by changing the saturation by 10% instead.



818855 818855

16777215 25996

6075358 19827

8048379 13914

10021631 8514

11927551 812

13893631 279

15859711 0

818855 818855

31655 1933991

■ 2983847

■ 4098983

■ 5214375

■ 6263975

■ 7379367

■ 8494503

■ 9609639

■ 10659495

# Harmonies

## Analogous

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



33428



818855



5469868

# Triad

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



818855



1110017



6585671

# Complementary

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



818855



10958092

# 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.



8484157



818855



11035222

# Square

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



818855



10248844



10054467



4293213

# Rectangle

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



818855



7499687



10054467



7240514



# Sweetspot

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



818855



10275289



829235



4744302



15592941



7237230



# Same Dimension

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



818855



40921



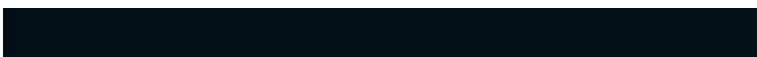
799655



5001812



28052



3860



# Inverse Universe

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



10947710



14221471



10977292



5524562



9699437



1310735



# Previews

## White Background



This preview shows how the Decimal color 818855 looks on a white background.

### Color Contrast Check

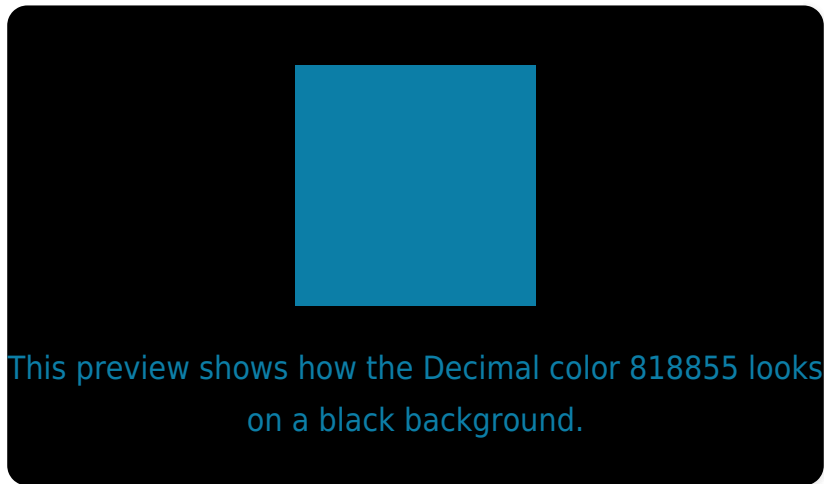
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

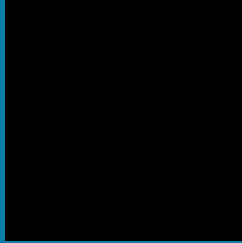
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 818855 Background



This preview shows how black text looks on a background with the Decimal color 818855.

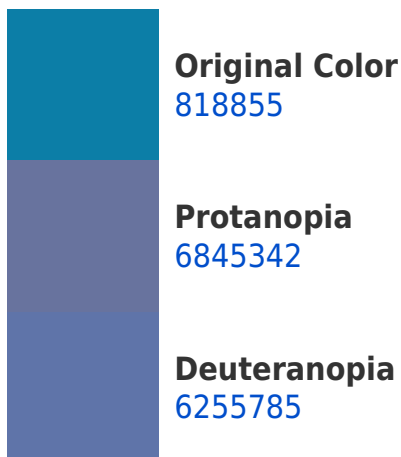


This preview shows how white text looks on a background with the Decimal color 818855.

# 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**  
33419

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 818855 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 #0C7EA7 looks like.

```
.text, #text, p{  
    color:#0C7EA7  
}
```

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 #0C7EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C7EA7
}
```

## Border

The CSS property to change the border of an element to Decimal 818855 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
#0C7EA7 }
```

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

```
.border{ border-color:#0C7EA7 }
```

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

Here you see how a box with a 4 pixel #0C7EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C7EA7; -webkit-box-shadow:4px 4px  
4px 4px #0C7EA7; box-shadow:4px 4px 4px  
4px #0C7EA7 }
```

# Background

The CSS property to change the background color of an element to Decimal 818855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C7EA7 }
```

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

```
.background{ background-color:#0C7EA7 }
```

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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