

# Converting Colors

Decimal(884635)

Have a look what the booklet for  
Decimal(884635) contains.

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# Color

**Decimal(884635)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D7F9B
RGB	13, 127, 155
RGB Percent	5%, 50%, 61%
CMY	0.9490, 0.5020, 0.3922
CMYK	0.92, 0.18, 0.00, 0.39
HSL	192°, 85%, 33%
HSV	192°, 92%, 61%
XYZ	13.6717, 17.6309, 33.6929
YIQ	96.1060, -76.9320, -15.4600

# Conversions

## Conversions Part 2

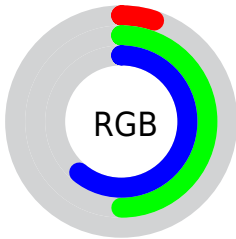
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 76, 155
Decimal	884635
CIELab	49.05, -18.39, -23.13
CIELCh	49, 29.549, 231.513
Yxy	17.6309, 0.2103, 0.2713
Android (android.graphics.Color)	4279074715 (0xFF0D7F9B)
YUV	96.1060, 29.0347, -72.8840
Hunter-Lab	41.9891, -15.3610, -18.1830

# Details

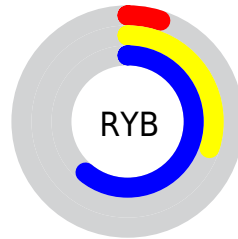
The Decimal color **884635** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10168589**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **5944530**, and **20072** is the 20% darker color. If you saturate the color by 10%, you get **31899**, and if you desaturate by 10%, it is **1933979**.

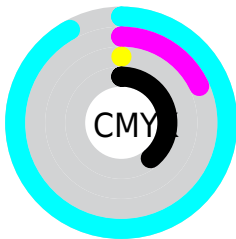
# Distribution



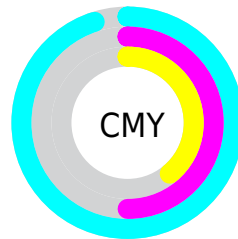
- Red (5%)
- Green (50%)
- Blue (61%)



- Red (5%)
- Yellow (30%)
- Blue (61%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)
- Black (39%)



- Cyan (95%)
- Magenta (50%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 884635 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 884635 by changing the saturation by 10% instead.





884635



884635

16777215



26241



5944530



20072



7917806



14160



9825535



8760



11730943



547



13697023



10



15597567



0



884635



884635



31899



1933979

■ 2917787

■ 3967131

■ 4950939

■ 6000283

■ 6984091

■ 8033435

■ 9017243

■ 10066843

# Harmonies

## Analogous

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



295558



884635



4422054

# Triad

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



884635



10510973



7567685

# Complementary

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



884635



10168589

# 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.



9138499



884635



10838627

# Square

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



884635



9267348



10315854



5668437

# Rectangle

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



884635



6321317



10315854



8091203



# Sweetspot

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



884635



9682889



891687



4546662



15132390



6710886



# Same Dimension

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



884635



41673



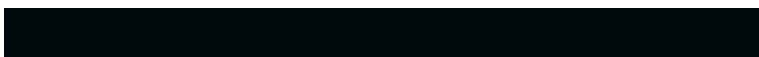
866971



4541261



29068



2573



# Inverse Universe

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



10161535



13172898



10186253



5064011



9175153



851978



# Previews

## White Background



This preview shows how the Decimal color 884635 looks on a white background.

### Color Contrast Check

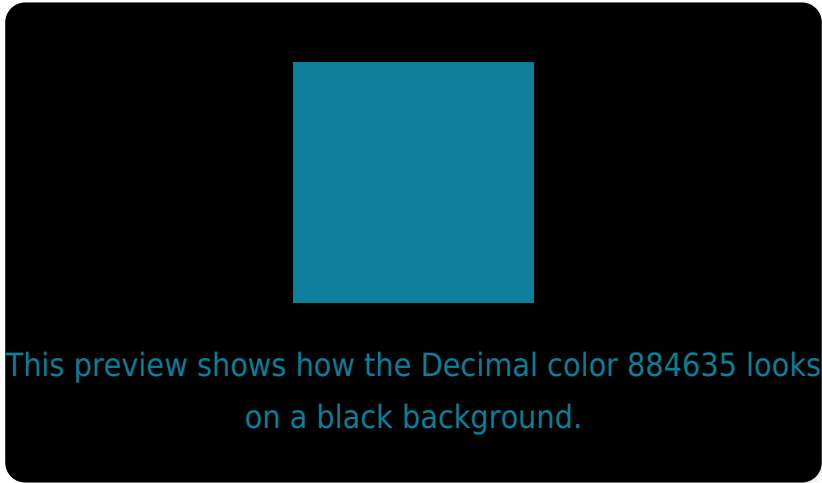
Large Text (above 18pt) WCAG AA ✓ Pass

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

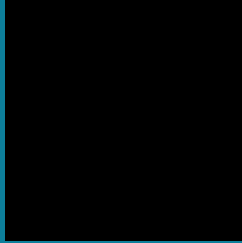
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 884635 Background



This preview shows how black text looks on a background with the Decimal color 884635.

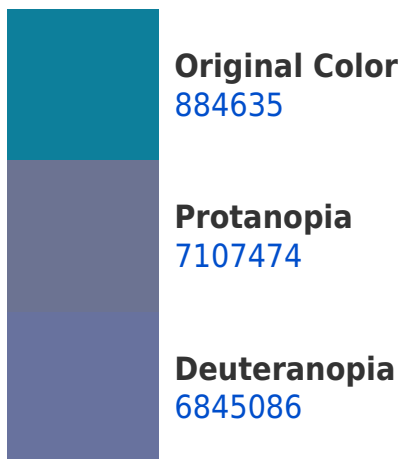


This preview shows how white text looks on a background with the Decimal color 884635.

# 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**  
884635

**Protanomaly**  
4814741

**Deuteranomaly**  
4683677

**Tritanomaly**  
360593

# Monochromacy



**Original Color**  
884635

**Achromatopsia**  
6316128

**Achromatomaly**  
4352885

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 884635 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 #0D7F9B looks like.

```
.text, #text, p{  
    color:#0D7F9B  
}
```

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 #0D7F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D7F9B
}
```

## Border

The CSS property to change the border of an element to Decimal 884635 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
#0D7F9B }
```

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

```
.border{ border-color:#0D7F9B }
```

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

Here you see how a box with a 4 pixel #0D7F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D7F9B; -webkit-box-shadow:4px 4px  
4px 4px #0D7F9B; box-shadow:4px 4px 4px  
4px #0D7F9B }
```

# Background

The CSS property to change the background color of an element to Decimal 884635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D7F9B }
```

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

```
.background{ background-color:#0D7F9B }
```

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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