

# Converting Colors

Decimal(886436)

Have a look what the booklet for  
Decimal(886436) contains.

<b>Decimal(886436)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(886436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D86A4
RGB	13, 134, 164
RGB Percent	5%, 53%, 64%
CMY	0.9490, 0.4745, 0.3569
CMYK	0.92, 0.18, 0.00, 0.36
HSL	192°, 85%, 35%
HSV	192°, 92%, 64%
XYZ	15.3919, 19.8161, 38.1356
YIQ	101.2410, -81.7460, -16.3220

# Conversions

## Conversions Part 2

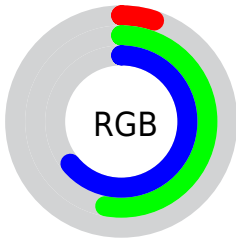
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 80, 164
Decimal	886436
CIELab	51.63, -18.97, -24.38
CIELCh	52, 30.888, 232.113
Yxy	19.8161, 0.2099, 0.2702
Android (android.graphics.Color)	4279076516 (0xFF0D86A4)
YUV	101.2410, 30.9402, -77.3874
Hunter-Lab	44.5153, -16.1823, -19.6322

# Details

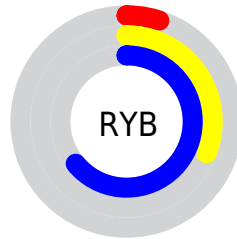
The Decimal color **886436** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10758925**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **6142939**, and **21616** is the 20% darker color. If you saturate the color by 10%, you get **33700**, and if you desaturate by 10%, it is **1935780**.

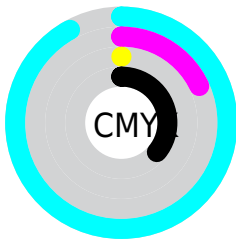
# Distribution



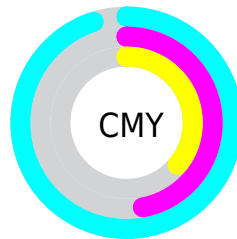
- Red (5%)
- Green (53%)
- Blue (64%)



- Red (5%)
- Yellow (31%)
- Blue (64%)



- Cyan (92%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (47%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 886436 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 886436 by changing the saturation by 10% instead.



886436 886436

16777215 28042

6142939 21616

8116216 15704

10024191 10048

11993087 3626

13893631 277

15859711 0

886436 886436

33700 1935780

■ 3050916

■ 4100260

■ 5215140

■ 6264484

■ 7314084

■ 8428964

■ 9478308

■ 10593188

# Harmonies

## Analogous

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



35214



886436



4685999

# Triad

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



886436



11102083



7897161

# Complementary

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



886436



10758925

# 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.



9598790



886436



11429737

# Square

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



886436



9858460



10907218



5932634

# Rectangle

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



886436



6716078



10907218



8551751



# Sweetspot

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



886436



10144470



893993



4678763



15461355



7039851



# Same Dimension

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



886436



44246



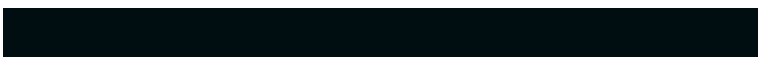
867748



4804690



29841



3602



# Inverse Universe

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



10751366



14024876



10777613



5392720



9502836



1179662



# Previews

## White Background



This preview shows how the Decimal color 886436 looks on a white background.

## Color Contrast Check

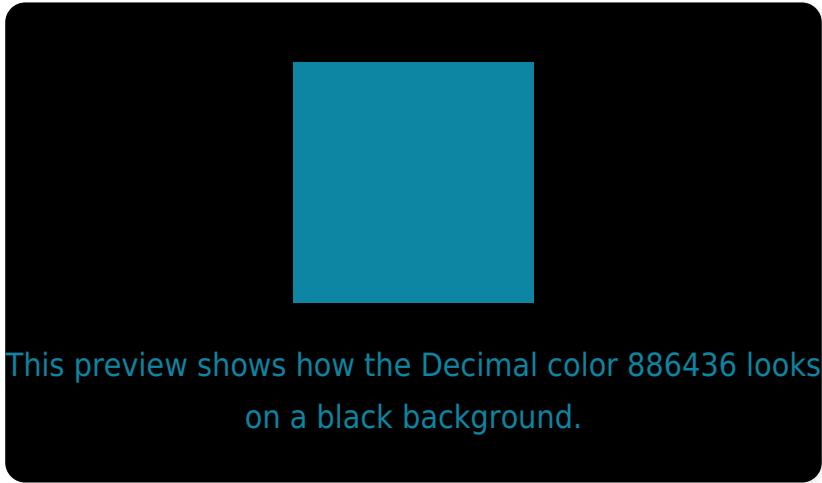
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

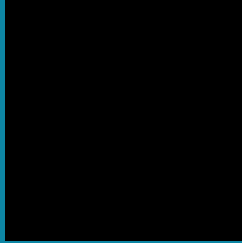
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 886436 Background



This preview shows how black text looks on a background with the Decimal color 886436.

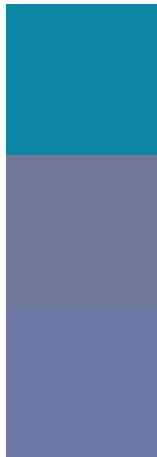


This preview shows how white text looks on a background with the Decimal color 886436.

# 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



**Original Color**  
886436

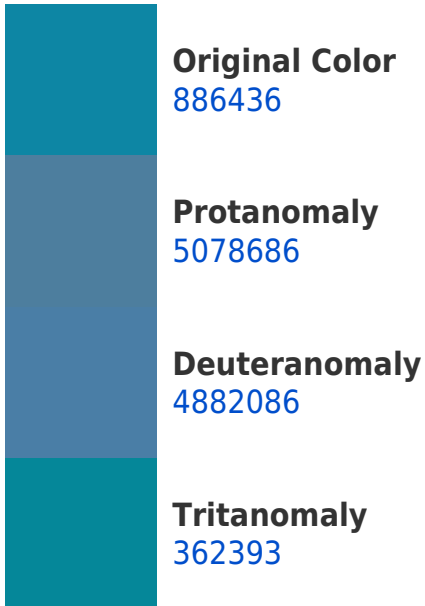
**Protanopia**  
7502235

**Deuteranopia**  
7174567



**Tritanopia**  
34963

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 886436 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 #0D86A4 looks like.

```
.text, #text, p{  
    color:#0D86A4  
}
```

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 #0D86A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D86A4
}
```

## Border

The CSS property to change the border of an element to Decimal 886436 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
#0D86A4 }
```

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

```
.border{ border-color:#0D86A4 }
```

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

Here you see how a box with a 4 pixel #0D86A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D86A4; -webkit-box-shadow:4px 4px  
4px 4px #0D86A4; box-shadow:4px 4px 4px  
4px #0D86A4 }
```

# Background

The CSS property to change the background color of an element to Decimal 886436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D86A4 }
```

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

```
.background{ background-color:#0D86A4 }
```

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