

# Converting Colors

Decimal(874846)

Have a look what the booklet for  
Decimal(874846) contains.

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# Color

**Decimal(874846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D595E
RGB	13, 89, 94
RGB Percent	5%, 35%, 37%
CMY	0.9490, 0.6510, 0.6314
CMYK	0.86, 0.05, 0.00, 0.63
HSL	184°, 76%, 21%
HSV	184°, 86%, 37%
XYZ	5.7587, 8.0385, 11.8377
YIQ	66.8460, -46.9010, -14.5570

# Conversions

## Conversions Part 2

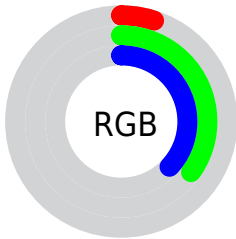
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 52, 94
Decimal	874846
CIE <sub>Lab</sub>	34.06, -19.41, -9.14
CIE <sub>LCh</sub>	34, 21.452, 205.218
Yxy	8.0385, 0.2246, 0.3136
Android (android.graphics.Color)	4279064926 (0xFF0D595E)
<b>YUV</b>	66.8460, 13.3869, -47.2229
Hunter-Lab	28.3522, -13.3605, -4.9085

# Details

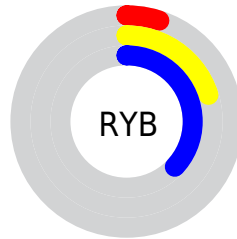
The Decimal color **874846** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6165005**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **4885392**, and **11056** is the 20% darker color. If you saturate the color by 10%, you get **284766**, and if you desaturate by 10%, it is **1464926**.

# Distribution



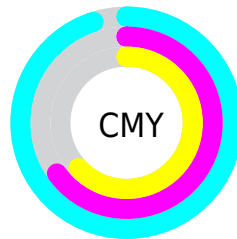
- Red (5%)
- Green (35%)
- Blue (37%)



- Red (5%)
- Yellow (20%)
- Blue (37%)



- Cyan (86%)
- Magenta (5%)
- Yellow (0%)
- Black (63%)



- Cyan (95%)
- Magenta (65%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 874846 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 874846 by changing the saturation by 10% instead.





874846



874846

16777215



16710



4885392



11056



6661803



6171



8438214



0



10214882



12057343



13959167



15859711



874846



874846

■ 284766

■ 1464926

■ 22622

■ 2120286

■ 2710366

■ 3365726

■ 3955806

■ 4545630

■ 5201246

■ 5791326

■ 6446686

# Harmonies

## Analogous

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



2316621



874846



1464172

# Triad

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



874846



6506340



6180398

# Complementary

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



874846



6165005

# 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.



7030837



874846



7291732

# Square

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



874846



5131631



7423042



5067569

# Rectangle

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



874846



2708593



7423042



6507567



# Sweetspot

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



874846



5994618



876049



2767933



12434877



4013373



# Same Dimension

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



874846



29562



864606



2698798



26478



57325



# Inverse Universe

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



6163801



7995507



6175245



3025198



7209063

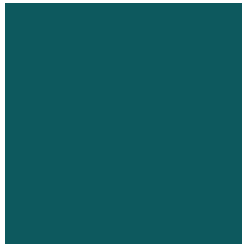


15532255



# Previews

## White Background



This preview shows how the Decimal color 874846 looks on a white background.

### Color Contrast Check

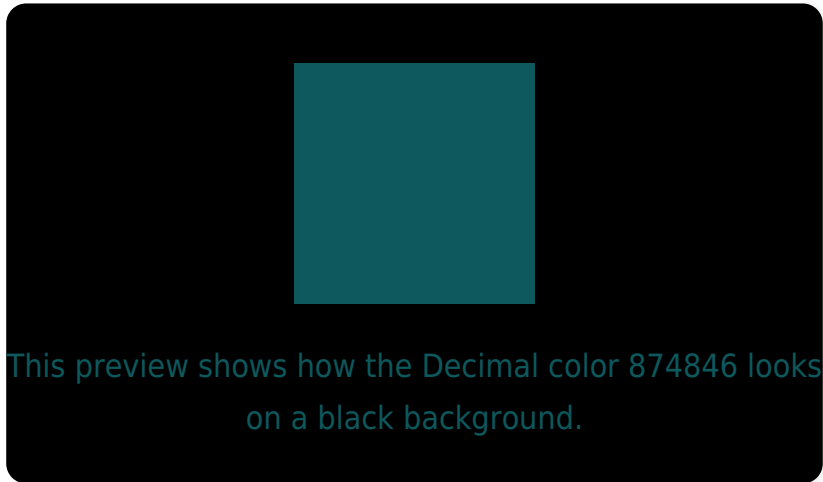
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

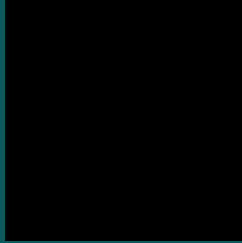
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 874846 Background



This preview shows how black text looks on a background with the Decimal color 874846.

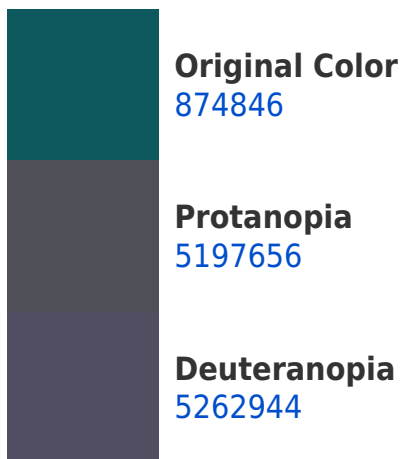


This preview shows how white text looks on a background with the Decimal color 874846.

# Color Blindness Simulation

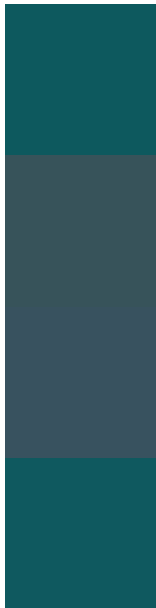
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
874846

**Protanomaly**  
3625818

**Deuteranomaly**  
3691103

**Tritanomaly**  
1005919

# Monochromacy



**Original Color**  
874846

**Achromatopsia**  
4408131

**Achromatomaly**  
3099469

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 874846 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 #0D595E looks like.

```
.text, #text, p{  
  color:#0D595E  
}
```

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 #0D595E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D595E
}
```

## Border

The CSS property to change the border of an element to Decimal 874846 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
#0D595E }
```

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

```
.border{ border-color:#0D595E }
```

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

Here you see how a box with a 4 pixel #0D595E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D595E; -webkit-box-shadow:4px 4px  
4px 4px #0D595E; box-shadow:4px 4px 4px  
4px #0D595E }
```

# Background

The CSS property to change the background color of an element to Decimal 874846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D595E }
```

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

```
.background{ background-color:#0D595E }
```

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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