

Converting Colors

Decimal(871769)

Have a look what the booklet for
Decimal(871769) contains.

Decimal(871769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(871769)

Conversions

Conversions Part 1

Format	Color
Hex	0D4D59
RGB	13, 77, 89
RGB Percent	5%, 30%, 35%
CMY	0.9490, 0.6980, 0.6510
CMYK	0.85, 0.13, 0.00, 0.65
HSL	189°, 75%, 20%
HSV	189°, 85%, 35%
XYZ	4.6230, 6.1146, 10.3878
YIQ	59.2320, -41.9960, -9.8360

Conversions

Conversions Part 2

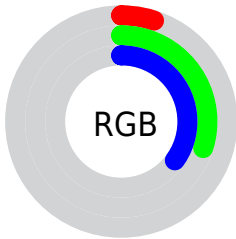
Format	Color
RYB	13, 48, 89
Decimal	871769
CIELab	29.70, -14.47, -12.59
CIElCh	30, 19.180, 221.043
Yxy	6.1146, 0.2188, 0.2894
Android (android.graphics.Color)	4279061849 (0xFF0D4D59)
YUV	59.2320, 14.6756, -40.5455
Hunter-Lab	24.7277, -9.9015, -7.5975

Details

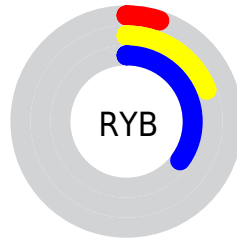
The Decimal color **871769** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5839117**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **4685451**, and **8491** is the 20% darker color. If you saturate the color by 10%, you get **281689**, and if you desaturate by 10%, it is **1461849**.

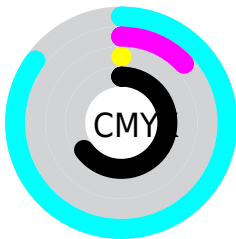
Distribution



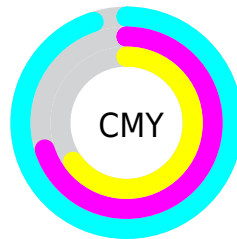
- Red (5%)
- Green (30%)
- Blue (35%)



- Red (5%)
- Yellow (19%)
- Blue (35%)



- Cyan (85%)
- Magenta (13%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (70%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 871769 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 871769 by changing the saturation by 10% instead.



871769



871769

16777215



13890



4685451



8491



6461605



280



8172480



0



9948892



11791353



13631487



15532031



871769



871769

■ 281689

■ 1461849

■ 19289

■ 2052185

■ 2642265

■ 3232601

■ 3757145

■ 4347225

■ 4937561

■ 5527641

■ 6117977

Harmonies

Analogous

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



1396299



871769



2181730

Triad

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



871769



6110288



4867880

Complementary

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



871769



583917

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.



5784106



871769



6503233

Square

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



871769



5193820



6372659



3820335

Rectangle

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



871769



3295075



6372659



5195048

Sweetspot

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



871769



5598835



874776



2635835



12237498



3881787

Same Dimension

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



871769



24947



862297



2566955



23147



50923

Inverse Universe

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



5836109



7536737



5848589



2828075



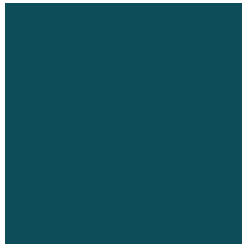
7012442



15401158

Previews

White Background



This preview shows how the Decimal color 871769 looks on a white background.

Color Contrast Check

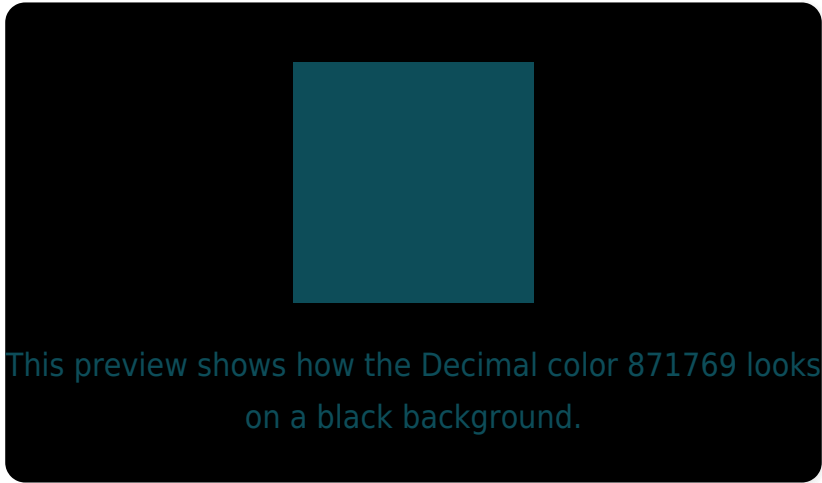
Large Text (above 18pt) WCAG AA ✓ Pass

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

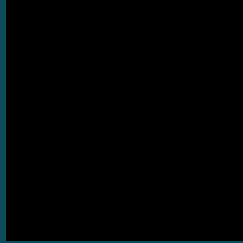
Any Text WCAG AA × Fail

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 871769 Background



This preview shows how black text looks on a background with the Decimal color 871769.

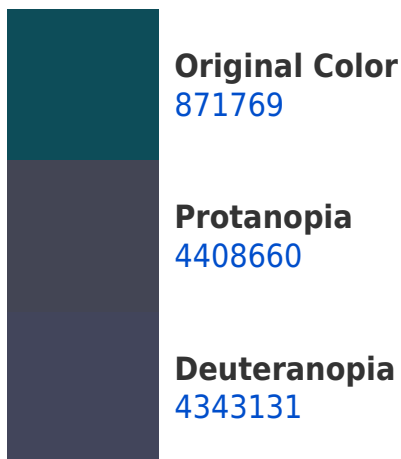


This preview shows how white text looks on a background with the Decimal color 871769.

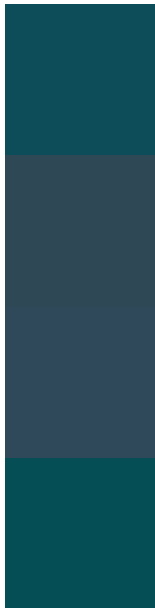
Color Blindness Simulation

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
871769

Protanomaly
3098710

Deuteranomaly
3098714

Tritanomaly
347734

Monochromacy



Original Color
871769

Achromatopsia
3881787

Achromatomaly
2769478

CSS Examples

Text

The CSS property to change the color of the text to Decimal 871769 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 #0D4D59 looks like.

```
.text, #text, p{  
    color:#0D4D59  
}
```

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 #0D4D59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4D59
}
```

Border

The CSS property to change the border of an element to Decimal 871769 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
#0D4D59 }
```

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

```
.border{ border-color:#0D4D59 }
```

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

Here you see how a box with a 4 pixel #0D4D59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4D59; -webkit-box-shadow:4px 4px  
4px 4px #0D4D59; box-shadow:4px 4px 4px  
4px #0D4D59 }
```

Background

The CSS property to change the background color of an element to Decimal 871769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4D59 }
```

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

```
.background{ background-color:#0D4D59 }
```

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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