

# Converting Colors

Decimal(870726)

Have a look what the booklet for  
Decimal(870726) contains.

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# Color

**Decimal(870726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D4946
RGB	13, 73, 70
RGB Percent	5%, 29%, 27%
CMY	0.9490, 0.7137, 0.7255
CMYK	0.82, 0.00, 0.04, 0.71
HSL	177°, 70%, 17%
HSV	177°, 82%, 29%
XYZ	3.6540, 5.2928, 6.6234
YIQ	54.7180, -34.7970, -13.6530

# Conversions

## Conversions Part 2

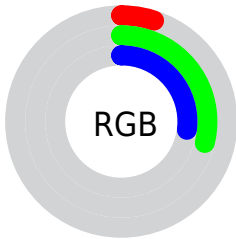
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	13, 44, 73
Decimal	870726
CIE <sub>Lab</sub>	27.55, -18.98, -3.56
CIE <sub>LCh</sub>	28, 19.310, 190.639
Yxy	5.2928, 0.2347, 0.3399
Android (android.graphics.Color)	4279060806 (0xFF0D4946)
YUV	54.7180, 7.5340, -36.5867
Hunter-Lab	23.0062, -11.9101, -0.9650

# Details

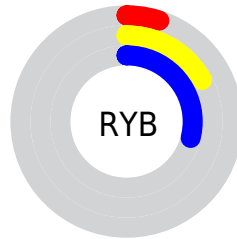
The Decimal color **870726** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4787472**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **4487798**, and **7707** is the 20% darker color. If you saturate the color by 10%, you get **411974**, and if you desaturate by 10%, it is **1329478**.

# Distribution



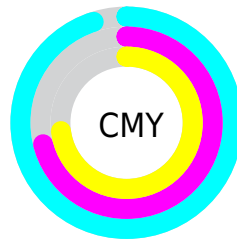
- Red (5%)
- Green (29%)
- Blue (27%)



- Red (5%)
- Yellow (17%)
- Blue (29%)



- Cyan (82%)
- Magenta (0%)
- Yellow (4%)
- Black (71%)



- Cyan (95%)
- Magenta (71%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 870726 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 870726 by changing the saturation by 10% instead.





870726



870726

16777215



12848



4487798



7707



6132880



0



7843754



9620166



11396833



13238270



15138815



870726



870726

■ 411974

■ 1329478

■ 18757

■ 1853767

■ 2312519

■ 2771271

■ 3230024

■ 3754312

■ 4213065

■ 4671817

■ 5196105

# Harmonies

## Analogous

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



2312247



870726



149588

# Triad

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



870726



4864856



5455141

# Complementary

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



870726



4787472

# 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.



6043694



870726



5781323

# Square

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



870726



3424606



6174268



4604452

# Rectangle

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



870726



1132122



6174268



5651240



# Sweetspot

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



870726



4677213



1067277



2240560



11579568



3158064



# Same Dimension

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



870726



89690



863817



2106404



25438



58328



# Inverse Universe

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



4787472



6160646



4794381



2367520



6488069



14876683



# Previews

## White Background



This preview shows how the Decimal color 870726 looks on a white background.

### Color Contrast Check

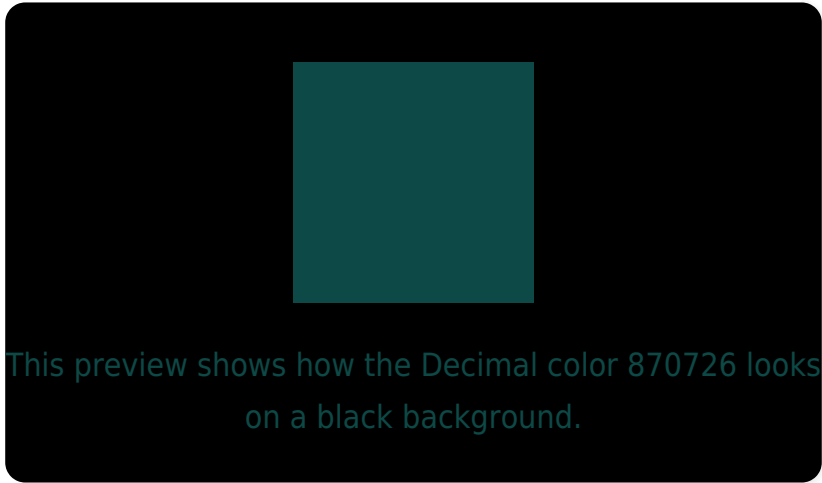
Large Text (above 18pt) WCAG AA ✓ Pass

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

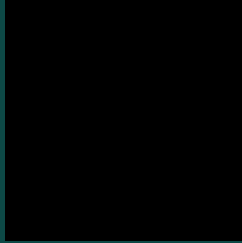
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 870726 Background



This preview shows how black text looks on a background with the Decimal color 870726.



This preview shows how white text looks on a background with the Decimal color 870726.

# 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](#).

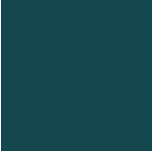
## Dichromacy



**Original Color**  
870726

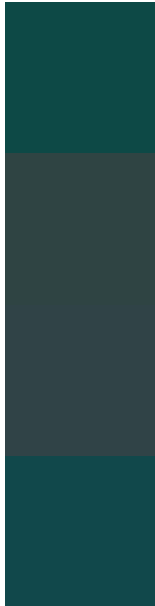
**Protanopia**  
4342081

**Deuteranopia**  
4472648



**Tritanopia**  
1329230

# Trichromacy



**Original Color**  
870726

**Protanomaly**  
3097667

**Deuteranomaly**  
3162951

**Tritanomaly**  
1132619

# Monochromacy



**Original Color**  
870726

**Achromatopsia**  
3618615

**Achromatomaly**  
2637372

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 870726 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 #0D4946 looks like.

```
.text, #text, p{  
    color:#0D4946  
}
```

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 #0D4946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4946
}
```

## Border

The CSS property to change the border of an element to Decimal 870726 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
#0D4946 }
```

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

```
.border{ border-color:#0D4946 }
```

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

Here you see how a box with a 4 pixel #0D4946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4946; -webkit-box-shadow:4px 4px  
4px 4px #0D4946; box-shadow:4px 4px 4px  
4px #0D4946 }
```

# Background

The CSS property to change the background color of an element to Decimal 870726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4946 }
```

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

```
.background{ background-color:#0D4946 }
```

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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