

# Converting Colors

Decimal(871258)

Have a look what the booklet for  
Decimal(871258) contains.

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# Color

**Decimal(871258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D4B5A
RGB	13, 75, 90
RGB Percent	5%, 29%, 35%
CMY	0.9490, 0.7059, 0.6471
CMYK	0.86, 0.17, 0.00, 0.65
HSL	192°, 75%, 20%
HSV	192°, 86%, 35%
XYZ	4.5275, 5.8559, 10.5645
YIQ	58.1720, -41.7670, -8.4790

# Conversions

## Conversions Part 2

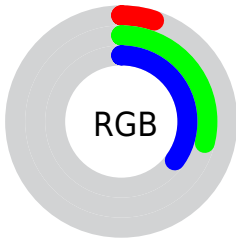
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 47, 90
Decimal	871258
CIELab	29.05, -12.91, -14.24
CIELCh	29, 19.221, 227.790
Yxy	5.8559, 0.2161, 0.2795
Android (android.graphics.Color)	4279061338 (0xFF0D4B5A)
YUV	58.1720, 15.6912, -39.6158
Hunter-Lab	24.1990, -8.9517, -8.9449

# Details

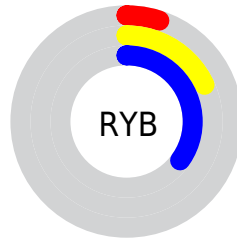
The Decimal color **871258** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5905421**, and the grayscale version is **3815994**.

A 20% lighter version of the original color is **4684940**, and **7980** is the 20% darker color. If you saturate the color by 10%, you get **280922**, and if you desaturate by 10%, it is **1461594**.

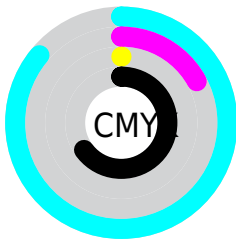
# Distribution



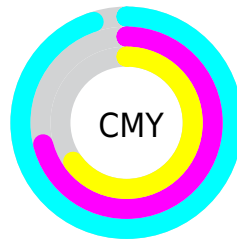
- Red (5%)
- Green (29%)
- Blue (35%)



- Red (5%)
- Yellow (18%)
- Blue (35%)



- Cyan (86%)
- Magenta (17%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (71%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 871258 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 871258 by changing the saturation by 10% instead.





871258



871258

16777215



13379



4684940



7980



6395558



280



8171714



0



9948382



11790586



13631487



15532031



871258



871258

■ 280922

■ 1461594

■ 18522

■ 2051930

■ 2642010

■ 3232346

■ 3822682

■ 4413018

■ 5003098

■ 5593434

■ 6183770

# Harmonies

## Analogous

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



937037



871258



2443361

# Triad

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



871258



6175307



4539944

# Complementary

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



871258



5905421

# 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.



5521703



871258



6437180

# Square

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



871258



5324121



6175791



3492400

# Rectangle

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



871258



3556706



6175791



4932903



# Sweetspot

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



871258



5730165



875035



2635579



12237498



3881787



# Same Dimension

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



871258



24181



861530



2698542



22638



49133



# Inverse Universe

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



5901643



7667806



5915149



3025197



7209048



15532223



# Previews

## White Background



This preview shows how the Decimal color 871258 looks on a white background.

### Color Contrast Check

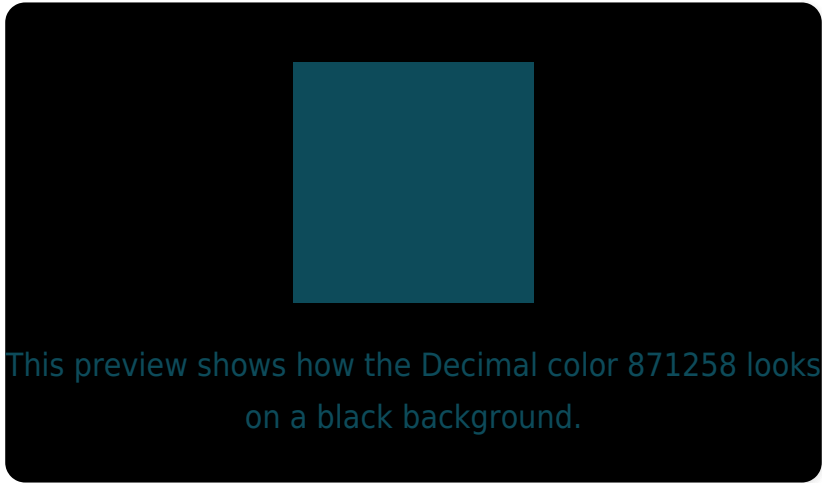
Large Text (above 18pt) WCAG AA ✓ Pass

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

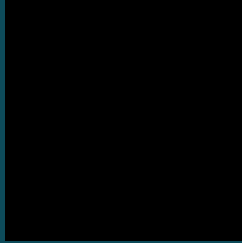
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

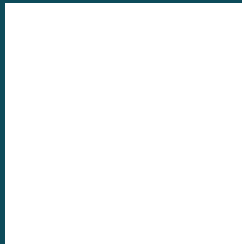
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Decimal 871258 Background



This preview shows how black text looks on a background with the Decimal color 871258.



This preview shows how white text looks on a background with the Decimal color 871258.

# 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**  
871258

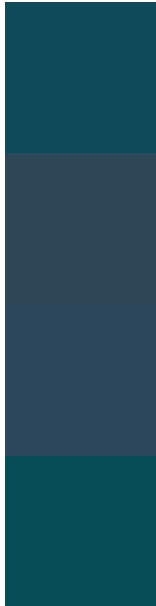
**Protanopia**  
4211797

**Deuteranopia**  
4080476



**Tritanopia**  
19538

# Trichromacy



**Original Color**  
871258

**Protanomaly**  
2967383

**Deuteranomaly**  
2901595

**Tritanomaly**  
347221

# Monochromacy



**Original Color**  
871258

**Achromatopsia**  
3815994

**Achromatomaly**  
2768966

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 871258 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 #0D4B5A looks like.

```
.text, #text, p{  
    color:#0D4B5A  
}
```

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 #0D4B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D4B5A
}
```

## Border

The CSS property to change the border of an element to Decimal 871258 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
#0D4B5A }
```

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

```
.border{ border-color:#0D4B5A }
```

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

Here you see how a box with a 4 pixel #0D4B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D4B5A; -webkit-box-shadow:4px 4px  
4px 4px #0D4B5A; box-shadow:4px 4px 4px  
4px #0D4B5A }
```

# Background

The CSS property to change the background color of an element to Decimal 871258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D4B5A }
```

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

```
.background{ background-color:#0D4B5A }
```

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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