

Converting Colors

Decimal(874567)

Have a look what the booklet for
Decimal(874567) contains.

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Color

Decimal(874567)

Conversions

Conversions Part 1

Format	Color
Hex	0D5847
RGB	13, 88, 71
RGB Percent	5%, 35%, 28%
CMY	0.9490, 0.6549, 0.7216
CMYK	0.85, 0.00, 0.19, 0.65
HSL	166°, 74%, 20%
HSV	166°, 85%, 35%
XYZ	4.7930, 7.5199, 7.1601
YIQ	63.6370, -39.2430, -21.1870

Conversions

Conversions Part 2

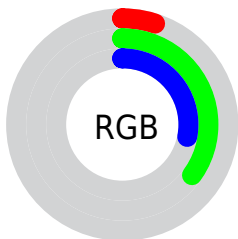
Format	Color
RYB	13, 55, 88
Decimal	874567
CIELab	32.96, -26.32, 3.69
CIELCh	33, 26.577, 172.016
Yxy	7.5199, 0.2461, 0.3862
Android (android.graphics.Color)	4279064647 (0xFF0D5847)
YUV	63.6370, 3.6300, -44.4086
Hunter-Lab	27.4225, -16.7904, 3.7149

Details

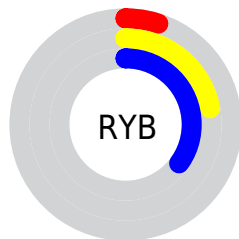
The Decimal color **874567** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5770526**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **4688759**, and **10780** is the 20% darker color. If you saturate the color by 10%, you get **284741**, and if you desaturate by 10%, it is **1464393**.

Distribution



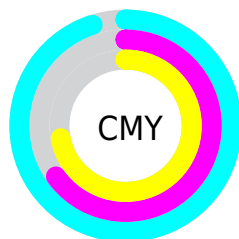
- Red (5%)
- Green (35%)
- Blue (28%)



- Red (5%)
- Yellow (22%)
- Blue (35%)



- Cyan (85%)
- Magenta (0%)
- Yellow (19%)
- Black (65%)



- Cyan (95%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 874567 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 874567 by changing the saturation by 10% instead.



874567



874567

16777215



16433



4688759



10780



6399377



4609



8175787



0



9952455



11794915



13631487



15532031



874567



874567

■ 284741

■ 1464393

■ 22596

■ 2054219

■ 2578509

■ 3168335

■ 3758161

■ 4347987

■ 4937813

■ 5462103

■ 6051929

Harmonies

Analogous

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



3298867



874567



22621

Triad

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



874567



4672116



7226157

Complementary

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



874567



5770526

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.



7683391



874567



6439528

Square

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



874567



1855863



7486804



6244899

Rectangle

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



874567



22377



7486804



7487794

Sweetspot

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



874567



5600108



2054157



2636599



12237498



3881787

Same Dimension

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



874567



29529



869464



2566954



27475



60341

Inverse Universe

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



5770526



7536666



5775629



2828072



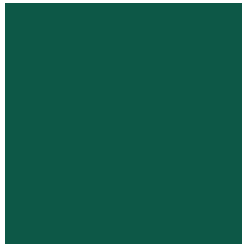
7012376



15401013

Previews

White Background



This preview shows how the Decimal color 874567 looks on a white background.

Color Contrast Check

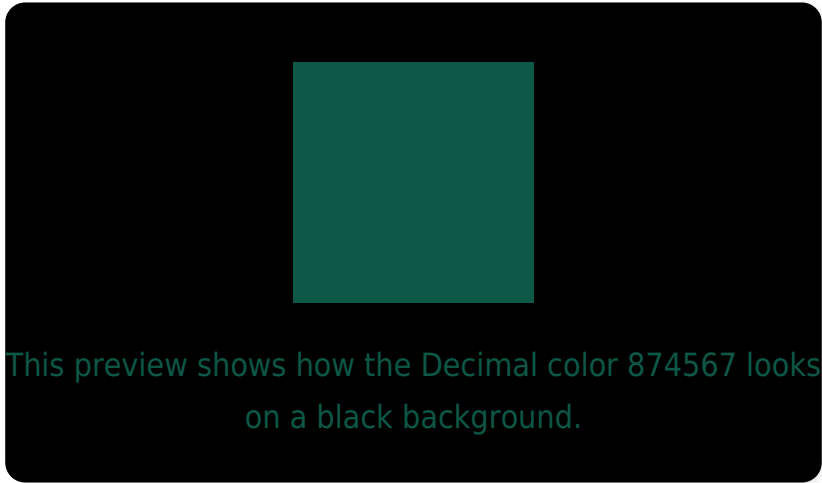
Large Text (above 18pt) WCAG AA ✓ Pass

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

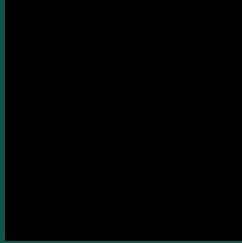
Any Text WCAG AA × Fail

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 874567 Background



This preview shows how black text looks on a background with the Decimal color 874567.

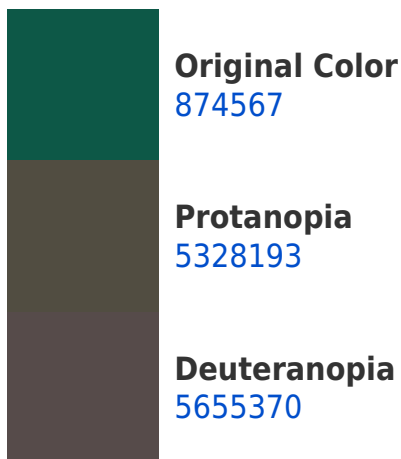



This preview shows how white text looks on a background with the Decimal color 874567.

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





Tritanopia
1922396

Trichromacy



Original Color
874567

Protanomaly
3690819

Deuteranomaly
3887177

Tritanomaly
1529428

Monochromacy



Original Color
874567

Achromatopsia
4210752

Achromatomaly
2967875

CSS Examples

Text

The CSS property to change the color of the text to Decimal 874567 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 #0D5847 looks like.

```
.text, #text, p{  
    color:#0D5847  
}
```

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 #0D5847 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5847
}
```

Border

The CSS property to change the border of an element to Decimal 874567 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
#0D5847 }
```

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

```
.border{ border-color:#0D5847 }
```

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

Here you see how a box with a 4 pixel #0D5847 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5847; -webkit-box-shadow:4px 4px  
4px 4px #0D5847; box-shadow:4px 4px 4px  
4px #0D5847 }
```

Background

The CSS property to change the background color of an element to Decimal 874567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5847 }
```

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

```
.background{ background-color:#0D5847 }
```

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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