

# Converting Colors

Decimal(874282)

Have a look what the booklet for  
Decimal(874282) contains.

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# Color

**Decimal(874282)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0D572A
RGB	13, 87, 42
RGB Percent	5%, 34%, 16%
CMY	0.9490, 0.6588, 0.8353
CMYK	0.85, 0.00, 0.52, 0.66
HSL	144°, 74%, 20%
HSV	144°, 85%, 34%
XYZ	3.9921, 7.0691, 3.3446
YIQ	59.7440, -29.6590, -29.6830

# Conversions

## Conversions Part 2

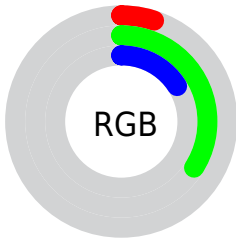
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 66, 87
Decimal	874282
CIELab	31.96, -32.94, 20.06
CIELCh	32, 38.565, 148.657
Yxy	7.0691, 0.2771, 0.4907
Android (android.graphics.Color)	4279064362 (0xFF0D572A)
YUV	59.7440, -8.7478, -40.9945
Hunter-Lab	26.5878, -19.7274, 11.1532

# Details

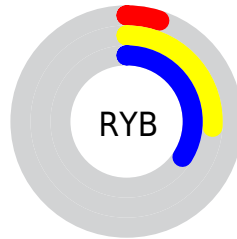
The Decimal color **874282** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5705018**, and the grayscale version is **3947580**.

A 20% lighter version of the original color is **4622936**, and **10496** is the 20% darker color. If you saturate the color by 10%, you get **284453**, and if you desaturate by 10%, it is **1464111**.

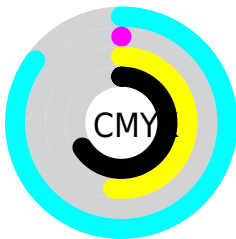
# Distribution



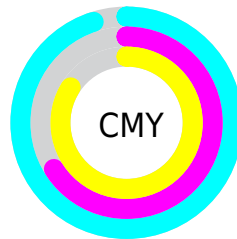
- Red (5%)
- Green (34%)
- Blue (16%)



- Red (5%)
- Yellow (26%)
- Blue (34%)



- Cyan (85%)
- Magenta (0%)
- Yellow (52%)
- Black (66%)



- Cyan (95%)
- Magenta (66%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 874282 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 874282 by changing the saturation by 10% instead.





874282



874282

16777215



16149



4622936



10496



6333553



3328



8110219



0



9886885



11663552



13565916



15400953



874282



874282

■ 284453

■ 1464111

■ 22306

■ 1988405

■ 2578234

■ 3168063

■ 3757892

■ 4282186

■ 4872015

■ 5461844

■ 5986138

# Harmonies

## Analogous

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



4084240



874282



22857

# Triad

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



874282



20360



8401456

# Complementary

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



874282



5705018

# 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.



8400462



874282



4736129

# Square

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



874282



22143



722891



755278

# Rectangle

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



874282



23134



7222891



8531770



# Sweetspot

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



874282



5468254



3888909



2570286



12105912



3684408



# Same Dimension

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



874282



28716



874318



2566953



27434



60252



# Inverse Universe

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



5705018



7340100



5704982



2828074



7012417

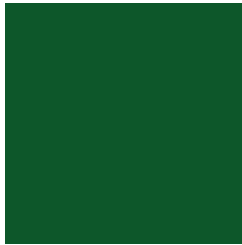


15401103



# Previews

## White Background



This preview shows how the Decimal color 874282 looks on a white background.

### Color Contrast Check

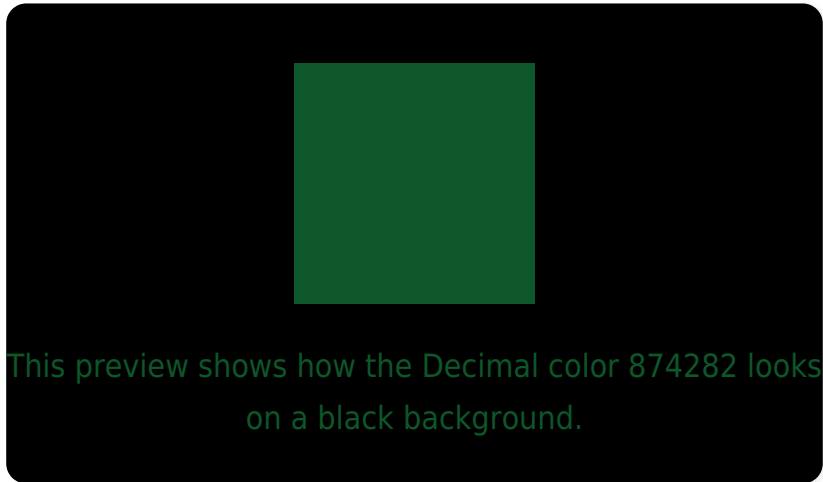
Large Text (above 18pt) WCAG AA ✓ Pass

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

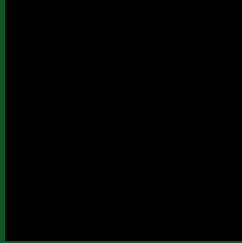
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 874282 Background



This preview shows how black text looks on a background with the Decimal color 874282.



This preview shows how white text looks on a background with the Decimal color 874282.

# 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](#).

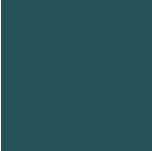
## Dichromacy



**Original Color**  
874282

**Protanopia**  
5458726

**Deuteranopia**  
5982254



**Tritanopia**  
2314841

# Trichromacy



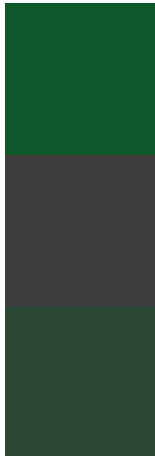
**Original Color**  
874282

**Protanomaly**  
3821351

**Deuteranomaly**  
4148525

**Tritanomaly**  
1791048

# Monochromacy



**Original Color**  
874282

**Achromatopsia**  
3947580

**Achromatomaly**  
2836021

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 874282 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 #0D572A looks like.

```
.text, #text, p{  
    color:#0D572A  
}
```

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 #0D572A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D572A
}
```

## Border

The CSS property to change the border of an element to Decimal 874282 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
#0D572A }
```

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

```
.border{ border-color:#0D572A }
```

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

Here you see how a box with a 4 pixel #0D572A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D572A; -webkit-box-shadow:4px 4px  
4px 4px #0D572A; box-shadow:4px 4px 4px  
4px #0D572A }
```

# Background

The CSS property to change the background color of an element to Decimal 874282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D572A }
```

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

```
.background{ background-color:#0D572A }
```

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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