

Converting Colors

Decimal(877900)

Have a look what the booklet for
Decimal(877900) contains.

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Color

Decimal(877900)

Conversions

Conversions Part 1

Format	Color
Hex	0D654C
RGB	13, 101, 76
RGB Percent	5%, 40%, 30%
CMY	0.9490, 0.6039, 0.7020
CMYK	0.87, 0.00, 0.25, 0.60
HSL	163°, 77%, 22%
HSV	163°, 87%, 40%
XYZ	6.1242, 9.9147, 8.4284
YIQ	71.8380, -44.4230, -26.4310

Conversions

Conversions Part 2

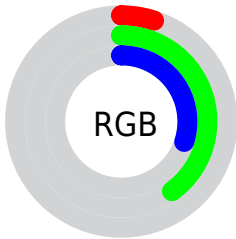
Format	Color
RYB	13, 64, 101
Decimal	877900
CIELab	37.69, -30.97, 7.33
CIELCh	38, 31.824, 166.682
Yxy	9.9147, 0.2503, 0.4052
Android (android.graphics.Color)	4279067980 (0xFF0D654C)
YUV	71.8380, 2.0519, -51.6009
Hunter-Lab	31.4877, -20.3862, 6.1710

Details

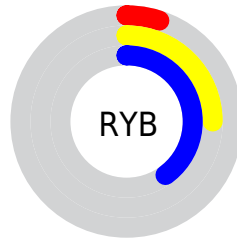
The Decimal color **877900** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6622502**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **4954493**, and **13600** is the 20% darker color. If you saturate the color by 10%, you get **222537**, and if you desaturate by 10%, it is **1533263**.

Distribution



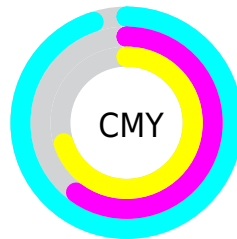
- Red (5%)
- Green (40%)
- Blue (30%)



- Red (5%)
- Yellow (25%)
- Blue (40%)



- Cyan (87%)
- Magenta (0%)
- Yellow (25%)
- Black (60%)



- Cyan (95%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 877900 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 877900 by changing the saturation by 10% instead.

 877900  877900

16777215  19765

 4954493  13600

 6730903  8713

 8507313  0

 10284237

 12124137

 14024703

 15925247

 877900  877900

■ 222537

■ 1533263

■ 25928

■ 2188626

■ 2843989

■ 3499351

■ 4154714

■ 4875613

■ 5530976

■ 6186339

■ 6841702

Harmonies

Analogous

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



4022836



877900



26215

Triad

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



877900



4740746



8604212

Complementary

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



877900



6622502

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.



8995659



877900



7163004

Square

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



877900



24458



8537189



7492390

Rectangle

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



877900



25975



8537189



8800059

Sweetspot

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



877900



6324856



2581773



3031612



12763842



4342338

Same Dimension

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



877900



33373



873317



3027762



29522



62125

Inverse Universe

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



6622502



8519717



6627085



3354159



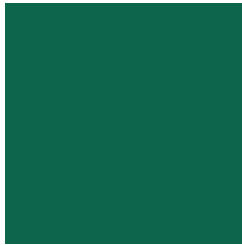
7536673



15859781

Previews

White Background



This preview shows how the Decimal color 877900 looks on a white background.

Color Contrast Check

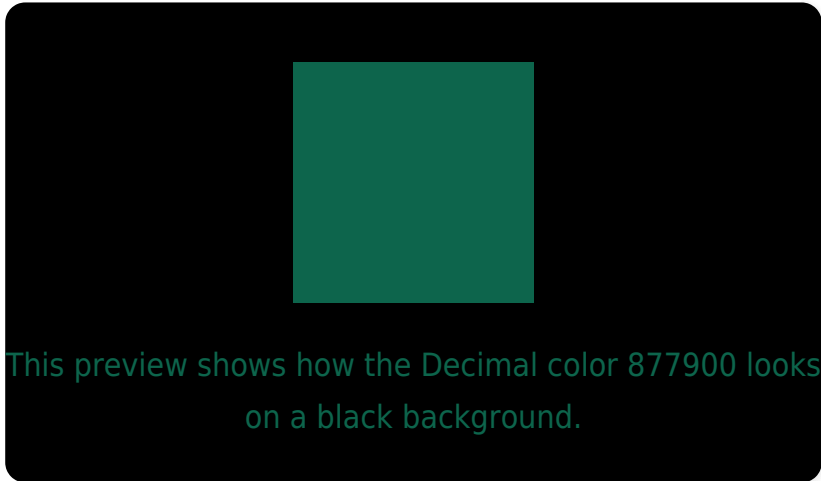
Large Text (above 18pt) WCAG AA ✓ Pass

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

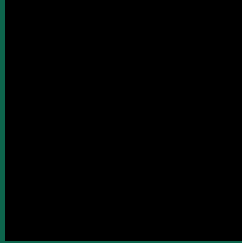
Any Text WCAG AA × Fail

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 877900 Background



This preview shows how black text looks on a background with the Decimal color 877900.

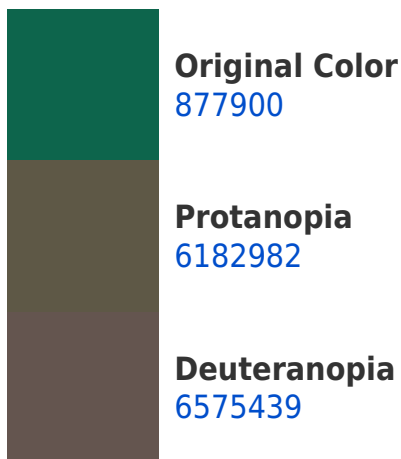


This preview shows how white text looks on a background with the Decimal color 877900.

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
2253161

Trichromacy



Original Color
877900

Protanomaly
4283720

Deuteranomaly
4479822

Tritanomaly
1729118

Monochromacy



Original Color
877900

Achromatopsia
4737096

Achromatomaly
3363657

CSS Examples

Text

The CSS property to change the color of the text to Decimal 877900 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 #0D654C looks like.

```
.text, #text, p{  
  color:#0D654C  
}
```

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 #0D654C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D654C
}
```

Border

The CSS property to change the border of an element to Decimal 877900 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
#0D654C }
```

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

```
.border{ border-color:#0D654C }
```

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

Here you see how a box with a 4 pixel #0D654C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D654C; -webkit-box-shadow:4px 4px  
4px 4px #0D654C; box-shadow:4px 4px 4px  
4px #0D654C }
```

Background

The CSS property to change the background color of an element to Decimal 877900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D654C }
```

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

```
.background{ background-color:#0D654C }
```

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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