

Converting Colors

Decimal(816750)

Have a look what the booklet for
Decimal(816750) contains.

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Color

Decimal(816750)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0C766E |
| RGB | 12, 118, 110 |
| RGB Percent | 5%, 46%, 43% |
| CMY | 0.9529, 0.5373, 0.5686 |
| CMYK | 0.90, 0.00, 0.07, 0.54 |
| HSL | 175°, 82%, 25% |
| HSV | 175°, 90%, 46% |
| XYZ | 9.4445, 14.1608, 16.9874 |
| YIQ | 85.3940, -60.6080, -24.9600 |

Conversions

Conversions Part 2

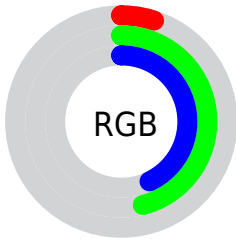
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 12, 67, 118 |
| Decimal | 816750 |
| CIELab | 44.46, -29.03, -3.42 |
| CIELCh | 44, 29.227, 186.723 |
| Yxy | 14.1608, 0.2327, 0.3489 |
| Android (android.graphics.Color) | 4279006830 (0xFF0C766E) |
| YUV | 85.3940, 12.1308, -64.3665 |
| Hunter-Lab | 37.6309, -21.0544, -0.4232 |

Details

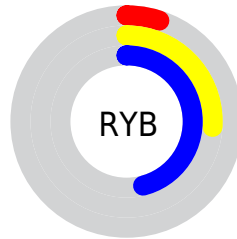
The Decimal color **816750** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7736340**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **5352353**, and **17727** is the 20% darker color. If you saturate the color by 10%, you get **30317**, and if you desaturate by 10%, it is **1603183**.

Distribution



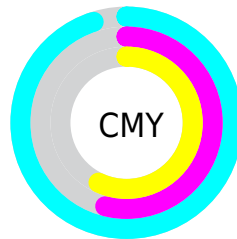
- Red (5%)
- Green (46%)
- Blue (43%)



- Red (5%)
- Yellow (26%)
- Blue (46%)



- Cyan (90%)
- Magenta (0%)
- Yellow (7%)
- Black (54%)



- Cyan (95%)
- Magenta (54%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 816750 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 816750 by changing the saturation by 10% instead.

 816750  816750

16777215  23894

 5352353  17727

 7194300  11817

 9102040  6420

 10944501  0

 12845055

 14745599

 16646143

 816750  816750

■ 30317

■ 1603183

■ 2389616

■ 3110513

■ 3896946

■ 4683378

■ 5469811

■ 6256244

■ 6977141

■ 7763574

Harmonies

Analogous

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



3896405



816750



30085

Triad

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



816750



7561616



8937789

Complementary

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



816750



7736340

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.



9787725



816750



9197949

Square

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



816750



5139097



9918053



7563832

Rectangle

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



816750



29585



9918053



9330241

Sweetspot

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



816750



7379350



1406476



3427659



13421772



5066061

Same Dimension

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



816750



39309



805494



3488570



31345



64231

Inverse Universe

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



7736340



10027020



7747596



3880245



7995401



16384019

Previews

White Background



This preview shows how the Decimal color 816750 looks on a white background.

Color Contrast Check

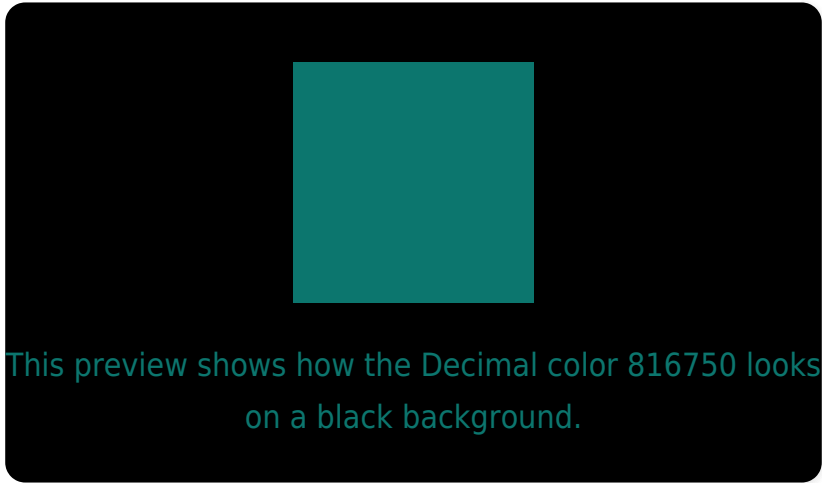
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

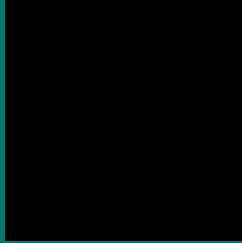
Any Text WCAG AA × Fail

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 816750 Background



This preview shows how black text looks on a background with the Decimal color 816750.

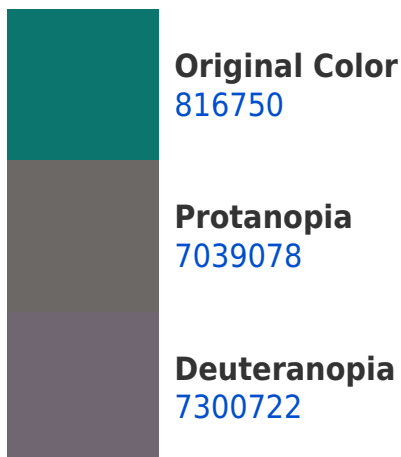


This preview shows how white text looks on a background with the Decimal color 816750.

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](#).

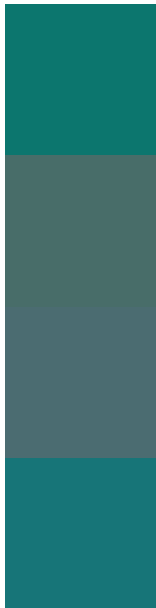
Dichromacy





Tritanopia
1995901

Trichromacy



Original Color
816750

Protanomaly
4746601

Deuteranomaly
4942961

Tritanomaly
1537400

Monochromacy



Original Color
816750

Achromatopsia
5592405

Achromatomaly
3826014

CSS Examples

Text

The CSS property to change the color of the text to Decimal 816750 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 #0C766E looks like.

```
.text, #text, p{  
    color:#0C766E  
}
```

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 #0C766E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C766E
}
```

Border

The CSS property to change the border of an element to Decimal 816750 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
#0C766E }
```

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

```
.border{ border-color:#0C766E }
```

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

Here you see how a box with a 4 pixel #0C766E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C766E; -webkit-box-shadow:4px 4px  
4px 4px #0C766E; box-shadow:4px 4px 4px  
4px #0C766E }
```

Background

The CSS property to change the background color of an element to Decimal 816750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C766E }
```

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

```
.background{ background-color:#0C766E }
```

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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