

Converting Colors

Decimal(826231)

Have a look what the booklet for
Decimal(826231) contains.

Decimal(826231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(826231)

Conversions

Conversions Part 1

Format	Color
Hex	0C9B77
RGB	12, 155, 119
RGB Percent	5%, 61%, 47%
CMY	0.9529, 0.3922, 0.5333
CMYK	0.92, 0.00, 0.23, 0.39
HSL	165°, 86%, 33%
HSV	165°, 92%, 61%
XYZ	15.2027, 24.8528, 21.4486
YIQ	108.1390, -73.6720, -41.5120

Conversions

Conversions Part 2

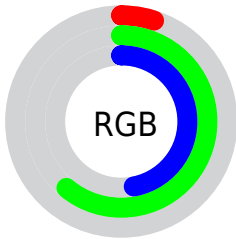
Format	Color
R_{YB}	12, 94, 155
Decimal	826231
CIE _{Lab}	56.93, -42.95, 9.37
CIE _{LCh}	57, 43.958, 167.688
Yxy	24.8528, 0.2472, 0.4041
Android (android.graphics.Color)	4279016311 (0xFF0C9B77)
YUV	108.1390, 5.3545, -84.3139
Hunter-Lab	49.8525, -32.8076, 9.3879

Details

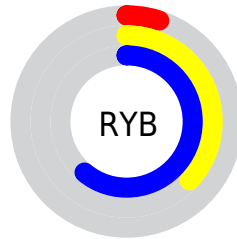
The Decimal color **826231** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **10161200**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **6017707**, and **26439** is the 20% darker color. If you saturate the color by 10%, you get **39796**, and if you desaturate by 10%, it is **1809275**.

Distribution



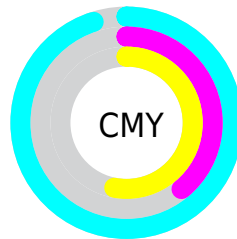
- Red (5%)
- Green (61%)
- Blue (47%)



- Red (5%)
- Yellow (37%)
- Blue (61%)



- Cyan (92%)
- Magenta (0%)
- Yellow (23%)
- Black (39%)



- Cyan (95%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 826231 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 826231 by changing the saturation by 10% instead.



826231



826231

16777215



32862



6017707



26439



7925703



20016



9895907



13851



11796479



8193



13762559



0



15728639



826231



826231



39796



1809275

■ 2857855

■ 3840899

■ 4889479

■ 5938059

■ 6921102

■ 7904146

■ 8952726

■ 9935770

Harmonies

Analogous

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



6133331



826231



40095

Triad

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



826231



7439826



13005649

Complementary

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



826231



10161200

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.



13724019



826231



11040445

Square

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



826231



37331



13134490



11370812

Rectangle

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



826231



39606



13134490



13397852

Sweetspot

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



826231



9554363



3316492



4417117



15132390



6710886

Same Dimension

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



826231



51607



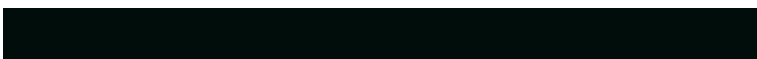
817819



4541771



35945



3338

Inverse Universe

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



10161200



13172787



10169612



5064007



9175075



851971

Previews

White Background



This preview shows how the Decimal color 826231 looks on a white background.

Color Contrast Check

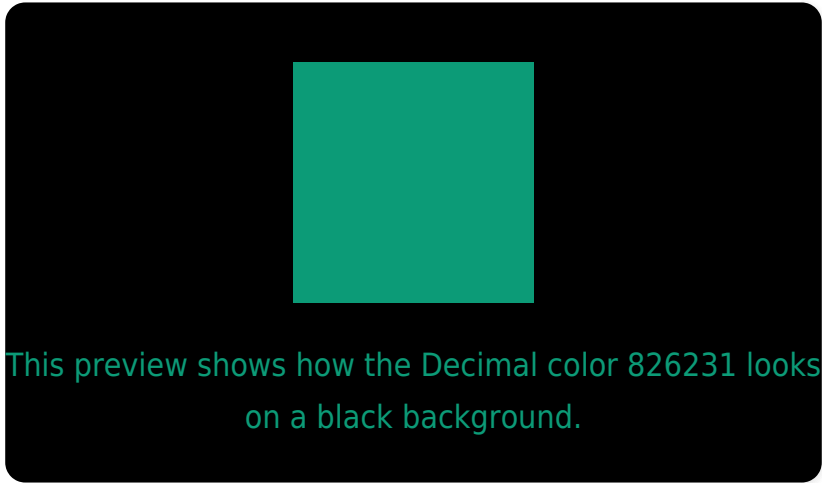
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

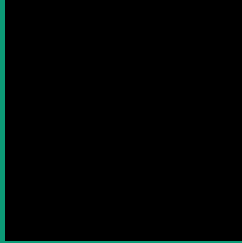
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 826231 Background



This preview shows how black text looks on a background with the Decimal color 826231.

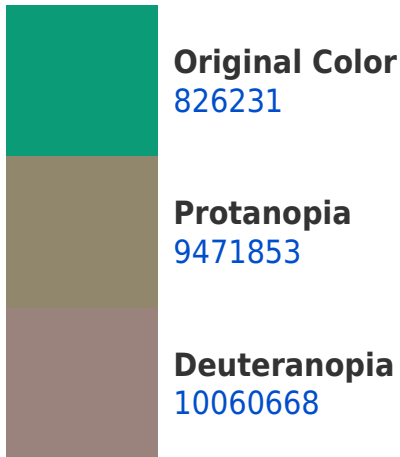


This preview shows how white text looks on a background with the Decimal color 826231.

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
3315105

Trichromacy



Original Color
826231

Protanomaly
6327921

Deuteranomaly
6720634

Tritanomaly
2398098

Monochromacy



Original Color
826231

Achromatopsia
7105644

Achromatomaly
4816240

CSS Examples

Text

The CSS property to change the color of the text to Decimal 826231 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 #0C9B77 looks like.

```
.text, #text, p{  
  color:#0C9B77  
}
```

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 #0C9B77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C9B77  
}
```

Border

The CSS property to change the border of an element to Decimal 826231 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  
#0C9B77 }
```

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

```
.border{ border-color:#0C9B77 }
```

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

Here you see how a box with a 4 pixel #0C9B77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C9B77; -webkit-box-shadow:4px 4px  
4px 4px #0C9B77; box-shadow:4px 4px 4px  
4px #0C9B77 }
```

Background

The CSS property to change the background color of an element to Decimal 826231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C9B77 }
```

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

```
.background{ background-color:#0C9B77 }
```

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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