

# Converting Colors

Decimal(831656)

Have a look what the booklet for  
Decimal(831656) contains.

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# **Color**

**Decimal(831656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CB0A8
RGB	12, 176, 168
RGB Percent	5%, 69%, 66%
CMY	0.9529, 0.3098, 0.3412
CMYK	0.93, 0.00, 0.05, 0.31
HSL	177°, 87%, 37%
HSV	177°, 93%, 69%
XYZ	22.7448, 33.9560, 42.4012
YIQ	126.0520, -95.1760, -37.2560

# Conversions

## Conversions Part 2

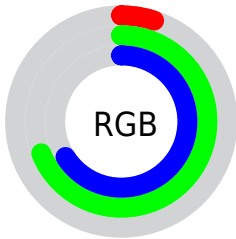
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 96, 176
Decimal	831656
CIELab	64.93, -38.40, -6.52
CIELCh	65, 38.954, 189.635
Yxy	33.9560, 0.2295, 0.3426
Android (android.graphics.Color)	4279021736 (0xFF0CB0A8)
YUV	126.0520, 20.6804, -100.0236
Hunter-Lab	58.2718, -32.3028, -2.3519

# Details

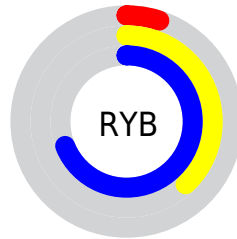
The Decimal color **831656** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11537428**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6547679**, and **31604** is the 20% darker color. If you saturate the color by 10%, you get **45223**, and if you desaturate by 10%, it is **2011305**.

# Distribution



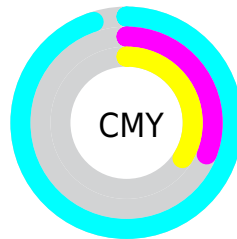
- Red (5%)
- Green (69%)
- Blue (66%)



- Red (5%)
- Yellow (38%)
- Blue (69%)



- Cyan (93%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (95%)
- Magenta (31%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 831656 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 831656 by changing the saturation by 10% instead.



 831656  831656

16777215  38286

 6547679  31604

 8650748  24924


 10616831  18500

 12648447  12590

 14614527  6937

16646143  0

 831656  831656

 45223  2011305

■ 3125418

■ 4305067

■ 5419179

■ 6598828

■ 7778477

■ 8892590

■ 10072239

■ 11186352

# Harmonies

## Analogous

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



5680772



831656



44745

# Triad

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



831656



11571411



13144924

# Complementary

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



831656



11537428

# 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.



14452851



831656



13796791

# Square

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



831656



8166882



14713491



11116376

# Rectangle

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



831656



961241



14713491



13668194



# Sweetspot

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



831656



10872546



1355788



5010289



15921906



7566195



# Same Dimension

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



831656



59098



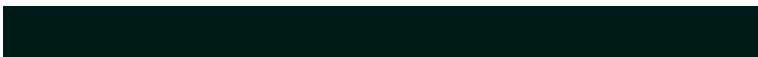
812720



5265753



39314



6680



# Inverse Universe

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



11537428



15073291



11556364



5853265



10027015

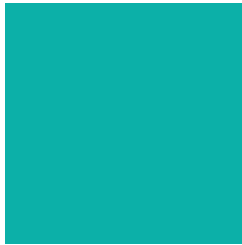


1703937



# Previews

## White Background



This preview shows how the Decimal color 831656 looks on a white 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

# Black Background



This preview shows how the Decimal color 831656 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

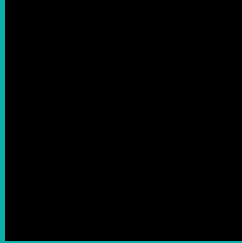
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 831656 Background



This preview shows how black text looks on a background with the Decimal color 831656.

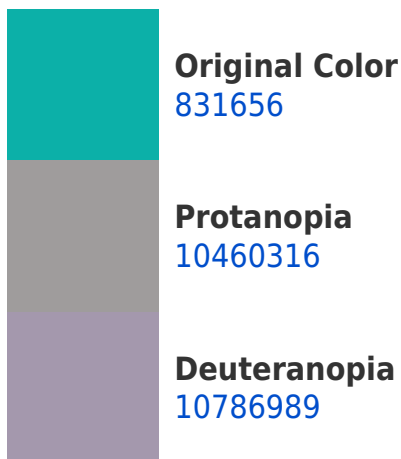


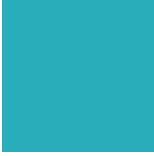
This preview shows how white text looks on a background with the Decimal color 831656.

# 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**  
2665915

# Trichromacy



**Original Color**  
831656



**Protanomaly**  
6988704



**Deuteranomaly**  
7184811



**Tritanomaly**  
2010804

# Monochromacy



**Original Color**  
831656



**Achromatopsia**  
8289918



**Achromatomaly**  
5607565

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 831656 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 #0CB0A8 looks like.

```
.text, #text, p{  
  color:#0CB0A8  
}
```

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 #0CB0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CB0A8
}
```

## Border

The CSS property to change the border of an element to Decimal 831656 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
#0CB0A8 }
```

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

```
.border{ border-color:#0CB0A8 }
```

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

Here you see how a box with a 4 pixel #0CB0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CB0A8; -webkit-box-shadow:4px 4px  
4px 4px #0CB0A8; box-shadow:4px 4px 4px  
4px #0CB0A8 }
```

# Background

The CSS property to change the background color of an element to Decimal 831656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CB0A8 }
```

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

```
.background{ background-color:#0CB0A8 }
```

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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