

# Converting Colors

Decimal(44437)

Have a look what the booklet for  
Decimal(44437) contains.

<b>Decimal(44437)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(44437)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AD95
RGB	0, 173, 149
RGB Percent	0%, 68%, 58%
CMY	1.0000, 0.3216, 0.4157
CMYK	1.00, 0.00, 0.14, 0.32
HSL	172°, 100%, 34%
HSV	172°, 100%, 68%
XYZ	20.3684, 32.0571, 33.5479
YIQ	118.5370, -95.4040, -44.1400

# Conversions

## Conversions Part 2

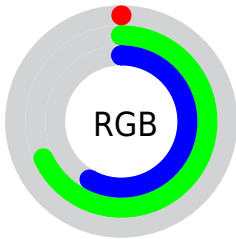
Format	Color
<a href="#">RYB</a>	<a href="#">0, 93, 173</a>
Decimal	<a href="#">44437</a>
CIELab	<a href="#">63.39, -42.99, 1.80</a>
CIELCh	<a href="#">63, 43.026, 177.606</a>
Yxy	<a href="#">32.0571, 0.2369, 0.3729</a>
Android (android.graphics.Color)	<a href="#">4278234517</a> ( <a href="#">0xFF00AD95</a> )
YUV	<a href="#">118.5370, 15.0183, -103.9569</a>
Hunter-Lab	<a href="#">56.6190, -34.8687, 4.5027</a>

# Details

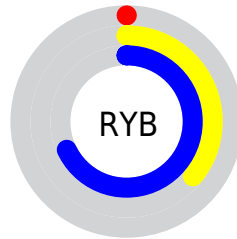
The Decimal color **44437** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11337752**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **6219211**, and **30818** is the 20% darker color. If you saturate the color by 10%, you get **44437**, and if you desaturate by 10%, it is **1158551**.

# Distribution



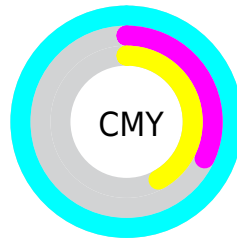
- Red (0%)
- Green (68%)
- Blue (58%)



- Red (0%)
- Yellow (36%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



















- Cyan (100%)
- Magenta (32%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 44437 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 44437 by changing the saturation by 10% instead.



 44437	 44437
 16777215	 37499
 6219211	 30818
 8323047	 24139
 10289151	 17716
 12255231	 11807
 14221311	 5127
 16252927	 0

 44437

 1158551

 2338202

 3452316

 4566431

 5746081

 6860195

 7974310

 9088424

 10268075

# Harmonies

## Analogous

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



6203759



44437



44476

# Triad

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



44437



9998813



13731930

# Complementary

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



44437



11337752

# 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.



14777720



44437



13009603

# Square

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



44437



5414630



14645918



11834955

# Rectangle

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



44437



43729



14645918



14189666



# Sweetspot

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



44437



10346711



1748224



4747371



15790320



7368816



# Same Dimension

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



44437



57537



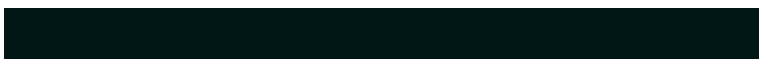
28845



5134165



38530



5908



# Inverse Universe

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



11337752



14680095



11353344



5721679



9830421

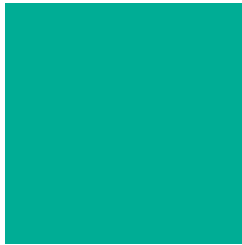


1507331



# Previews

## White Background



This preview shows how the Decimal color 44437 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 44437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

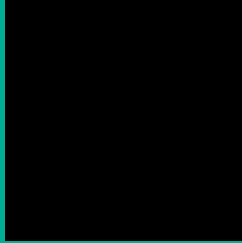
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 44437 Background



This preview shows how black text looks on a background with the Decimal color 44437.

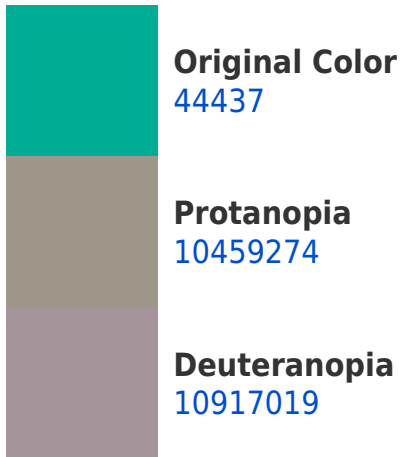


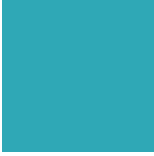
This preview shows how white text looks on a background with the Decimal color 44437.

# 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**  
3123382

# Trichromacy



**Original Color**

44437



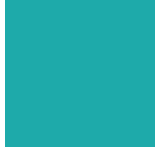
**Protanomaly**

6660238



**Deuteranomaly**

6987161



**Tritanomaly**

2009770

# Monochromacy



**Original Color**

44437



**Achromatopsia**

7829367



**Achromatomaly**

5016450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 44437 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 #00AD95 looks like.

```
.text, #text, p{  
    color:#00AD95  
}
```

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 #00AD95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD95
}
```

## Border

The CSS property to change the border of an element to Decimal 44437 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
#00AD95 }
```

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

```
.border{ border-color:#00AD95 }
```

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

Here you see how a box with a 4 pixel #00AD95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD95; -webkit-box-shadow:4px 4px  
4px 4px #00AD95; box-shadow:4px 4px 4px  
4px #00AD95 }
```

# Background

The CSS property to change the background color of an element to Decimal 44437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD95 }
```

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

```
.background{ background-color:#00AD95 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor