

# Converting Colors

Decimal(43399)

Have a look what the booklet for  
Decimal(43399) contains.

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# **Color**

**Decimal(43399)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 00A987                       |
| RGB         | 0, 169, 135                  |
| RGB Percent | 0%, 66%, 53%                 |
| CMY         | 1.0000, 0.3373, 0.4706       |
| CMYK        | 1.00, 0.00, 0.20, 0.34       |
| HSL         | 168°, 100%, 33%              |
| HSV         | 168°, 100%, 66%              |
| XYZ         | 18.5611, 30.1252, 27.7581    |
| YIQ         | 114.5930, -89.8100, -46.4020 |

# Conversions

## Conversions Part 2

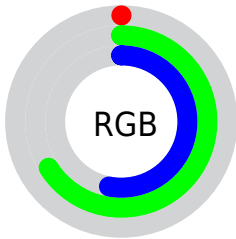
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 94, 169                      |
| Decimal                             | 43399                           |
| CIELab                              | 61.76, -45.10, 7.26             |
| CIELCh                              | 62, 45.677, 170.859             |
| Yxy                                 | 30.1252, 0.2428,<br>0.3941      |
| Android<br>(android.graphics.Color) | 4278233479<br>(0xFF00A987)      |
| YUV                                 | 114.5930, 10.0607,<br>-100.4981 |
| Hunter-Lab                          | 54.8864, -35.6873,<br>8.4353    |

# Details

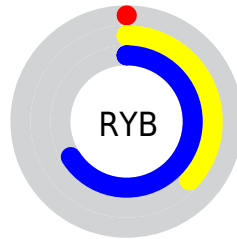
The Decimal color **43399** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11075618**, and the grayscale version is **7566195**.

A 20% lighter version of the original color is **6087100**, and **29781** is the 20% darker color. If you saturate the color by 10%, you get **43399**, and if you desaturate by 10%, it is **1157514**.

# Distribution



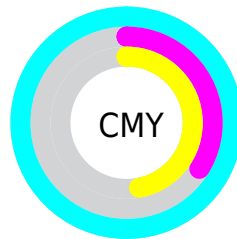
- Red (0%)
- Green (66%)
- Blue (53%)



- Red (0%)
- Yellow (37%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 43399 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 43399 by changing the saturation by 10% instead.



 43399  43399

16777215  36462

 6087100  29781

 8126168  23102

 10092532  16936

 12058623  11284

 14024703  3072

 16056319  0

 43399

 1157514

 2271630

 3385745

 4499861

 5548440

 6662555

 7776671

 8890786

 10004902

# Harmonies

## Analogous

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



6464608



43399



43697

# Triad

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



43399



8687585



13926488

# Complementary

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



43399



11075618

# 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.



14775675



43399



12288201

# Square

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



43399



2203109



14316707



12095299

# Rectangle

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



43399



43209



14316707



14383970



# Sweetspot

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



43399



10148814



2468096



4615782



15592941



7237230



# Same Dimension

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



43399



56239



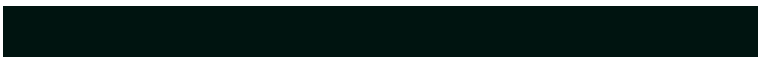
31145



5002322



38006



5136



# Inverse Universe

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



11075618



14352428



11087872



5524557



9699358



1310724



# Previews

## White Background



This preview shows how the Decimal color 43399 looks on a white background.

## Color Contrast Check

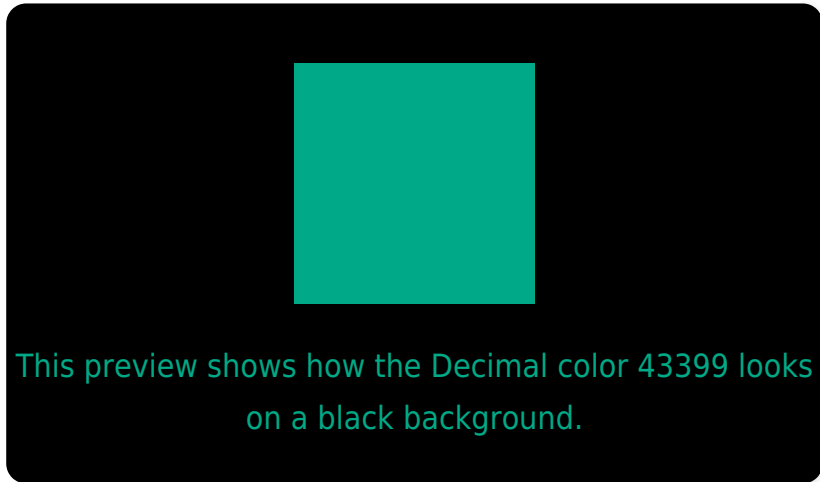
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

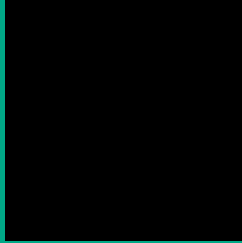
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 43399 Background



This preview shows how black text looks on a background with the Decimal color 43399.

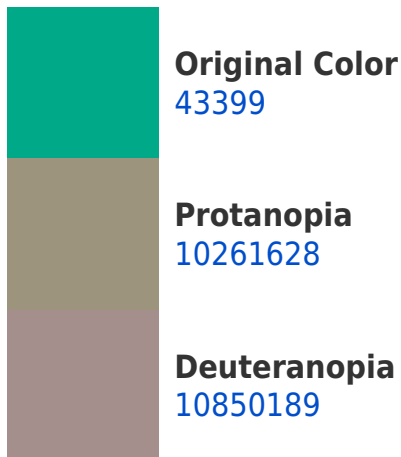


This preview shows how white text looks on a background with the Decimal color 43399.

# 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



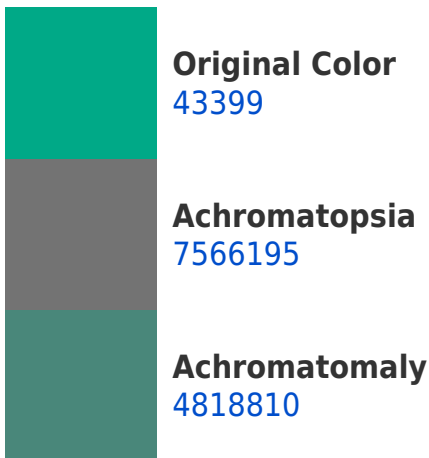


**Tritanopia**  
3384241

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 43399 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 #00A987 looks like.

```
.text, #text, p{  
    color:#00A987  
}
```

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 #00A987 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A987
}
```

## Border

The CSS property to change the border of an element to Decimal 43399 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
#00A987 }
```

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

```
.border{ border-color:#00A987 }
```

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

Here you see how a box with a 4 pixel #00A987 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A987; -webkit-box-shadow:4px 4px  
4px 4px #00A987; box-shadow:4px 4px 4px  
4px #00A987 }
```

# Background

The CSS property to change the background color of an element to Decimal 43399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A987 }
```

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

```
.background{ background-color:#00A987 }
```

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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