

Converting Colors

Decimal(43389)

Have a look what the booklet for
Decimal(43389) contains.

Decimal(43389)	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(43389)

Conversions

Conversions Part 1

Format	Color
Hex	00A97D
RGB	0, 169, 125
RGB Percent	0%, 66%, 49%
CMY	1.0000, 0.3373, 0.5098
CMYK	1.00, 0.00, 0.26, 0.34
HSL	164°, 100%, 33%
HSV	164°, 100%, 66%
XYZ	17.8896, 29.8566, 24.2221
YIQ	113.4530, -86.6000, -49.5120

Conversions

Conversions Part 2

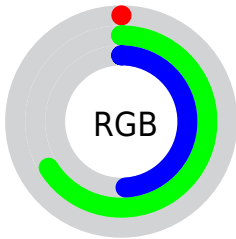
Format	Color
RYB	0, 97, 169
Decimal	43389
CIELab	61.53, -47.64, 12.49
CIELCh	62, 49.248, 165.310
Yxy	29.8566, 0.2486, 0.4149
Android (android.graphics.Color)	4278233469 (0xFF00A97D)
YUV	113.4530, 5.6927, -99.4983
Hunter-Lab	54.6412, -37.1808, 11.9660

Details

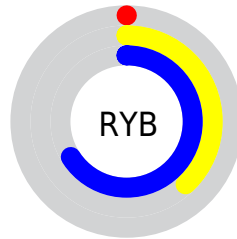
The Decimal color **43389** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **11075628**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **6087090**, and **29772** is the 20% darker color. If you saturate the color by 10%, you get **43389**, and if you desaturate by 10%, it is **1157505**.

Distribution



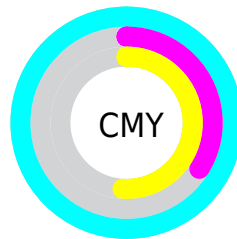
- Red (0%)
- Green (66%)
- Blue (49%)



- Red (0%)
- Yellow (38%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (34%)




- Cyan (100%)
- Magenta (34%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 43389 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 43389 by changing the saturation by 10% instead.

 43389  43389

16777215  36452

 6087090  29772

 8126157  23093

 10092521  16672

 11993087  11273

 13959167  2560

 15990783  0

 43389

 1157505

 2271622

 3385738

 4499855

 5548435

 6662551

 7776668

 8890784

 10004901

Harmonies

Analogous

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



6792021



43389



43690

Triad

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



43389



7508713



14449240

Complementary

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



43389



11075628

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.



15101824



43389



11829458

Square

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



43389



40936



14316204



12618558

Rectangle

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



43389



43462



14316204



14775909

Sweetspot

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



43389



10148810



2992384



4615779



15592941



7237230

Same Dimension

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



43389



56226



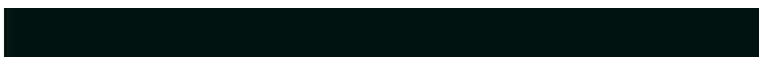
33449



5002322



37997



5135

Inverse Universe

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



11075628



14352441



11085568



5524558



9699367



1310725

Previews

White Background



This preview shows how the Decimal color 43389 looks on a white background.

Color Contrast Check

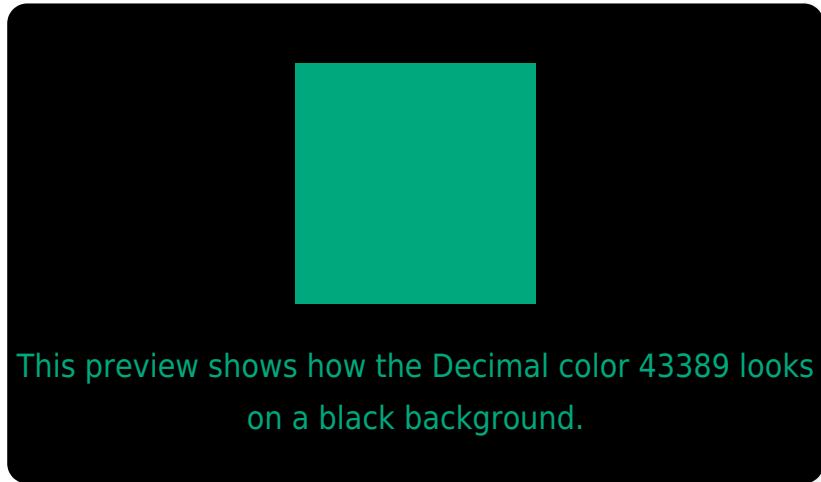
Large Text (above 18pt) WCAG AA ✓ Pass

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 43389 Background



This preview shows how black text looks on a background with the Decimal color 43389.



This preview shows how white text looks on a background with the Decimal color 43389.

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
3646128

Trichromacy



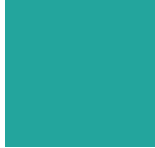
Original Color
43389



Protanomaly
6593399



Deuteranomaly
7051393



Tritanomaly
2336157

Monochromacy



Original Color
43389



Achromatopsia
7434609



Achromatomaly
4752757

CSS Examples

Text

The CSS property to change the color of the text to Decimal 43389 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 #00A97D looks like.

```
.text, #text, p{  
    color:#00A97D  
}
```

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 #00A97D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A97D
}
```

Border

The CSS property to change the border of an element to Decimal 43389 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
#00A97D }
```

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

```
.border{ border-color:#00A97D }
```

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

Here you see how a box with a 4 pixel #00A97D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A97D; -webkit-box-shadow:4px 4px  
4px 4px #00A97D; box-shadow:4px 4px 4px  
4px #00A97D }
```

Background

The CSS property to change the background color of an element to Decimal 43389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A97D }
```

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

```
.background{ background-color:#00A97D }
```

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