

# Converting Colors

Decimal(42668)

Have a look what the booklet for  
Decimal(42668) contains.

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# **Color**

**Decimal(42668)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A6AC
RGB	0, 166, 172
RGB Percent	0%, 65%, 67%
CMY	1.0000, 0.3490, 0.3255
CMYK	1.00, 0.03, 0.00, 0.33
HSL	182°, 100%, 34%
HSV	182°, 100%, 67%
XYZ	21.0826, 30.2510, 43.7576
YIQ	117.0500, -100.8620, -33.3260

# Conversions

## Conversions Part 2

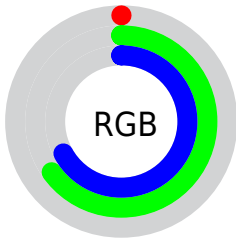
Format	Color
<a href="#">RYB</a>	<a href="#">0, 84, 172</a>
Decimal	<a href="#">42668</a>
CIELab	<a href="#">61.87, -32.98, -13.33</a>
CIELCh	<a href="#">62, 35.573, 202.011</a>
Yxy	<a href="#">30.2510, 0.2217, 0.3181</a>
Android (android.graphics.Color)	<a href="#">4278232748 (0xFF00A6AC)</a>
YUV	<a href="#">117.0500, 27.0904, -102.6529</a>
Hunter-Lab	<a href="#">55.0009, -27.8300, -8.6693</a>

# Details

The Decimal color **42668** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11273728**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6348515**, and **29048** is the 20% darker color. If you saturate the color by 10%, you get **42668**, and if you desaturate by 10%, it is **1157036**.

# Distribution



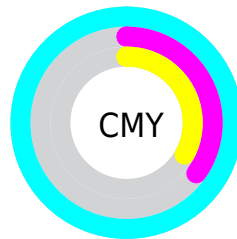
- Red (0%)
- Green (65%)
- Blue (67%)



- Red (0%)
- Yellow (33%)
- Blue (67%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (35%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 42668 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 42668 by changing the saturation by 10% instead.



 42668	 42668
 16777215	 35729
 6348515	 29048
 8387327	 22623
 10420223	 16455
 12386303	 10801
 14352383	 3613
 16383999	 0

 42668

 1157036

■ 2271148

■ 3451052

■ 4565164

■ 5679532

■ 6793900

■ 7908012

■ 9087916

■ 10202028

# Harmonies

## Analogous

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



4433548



42668



1221574

# Triad

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



42668



11896253



11702615

# Complementary

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



42668



11273728

# 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.



13141605



42668



13467295

# Square

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



42668



9277648



13860479



9608026

# Rectangle

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



42668



4431569



13860479



12225882



# Sweetspot

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



42668



10346208



44038



4747120



15790320



7368816



# Same Dimension

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



42668



55776



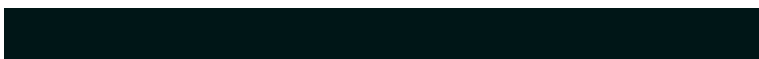
20652



5133911



37270



5655



# Inverse Universe

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



11272358



14680281



11295744



5721686



9830545



1507350



# Previews

## White Background



This preview shows how the Decimal color 42668 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 42668 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

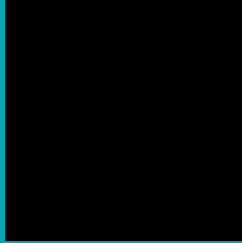
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

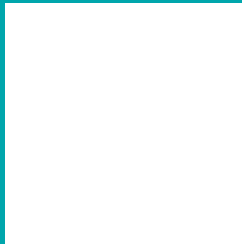
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 42668 Background



This preview shows how black text looks on a background with the Decimal color 42668.

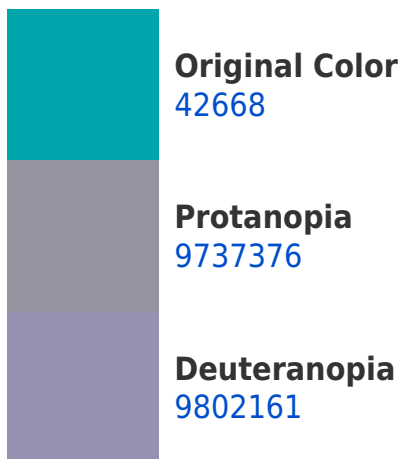


This preview shows how white text looks on a background with the Decimal color 42668.

# 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



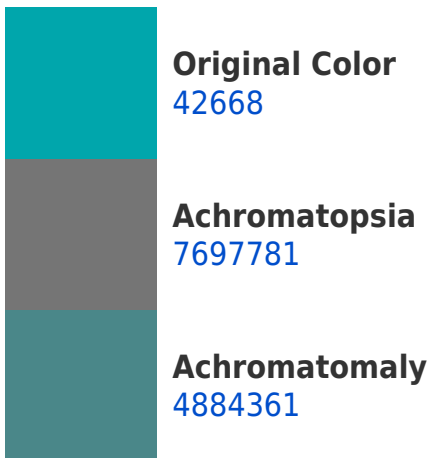


**Tritanopia**  
1549746

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 42668 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 #00A6AC looks like.

```
.text, #text, p{  
    color:#00A6AC  
}
```

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 #00A6AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6AC
}
```

## Border

The CSS property to change the border of an element to Decimal 42668 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
#00A6AC }
```

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

```
.border{ border-color:#00A6AC }
```

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

Here you see how a box with a 4 pixel #00A6AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6AC; -webkit-box-shadow:4px 4px  
4px 4px #00A6AC; box-shadow:4px 4px 4px  
4px #00A6AC }
```

# Background

The CSS property to change the background color of an element to Decimal 42668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6AC }
```

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

```
.background{ background-color:#00A6AC }
```

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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