

# Converting Colors

Decimal(33668)

Have a look what the booklet for  
Decimal(33668) contains.

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# Color

**Decimal(33668)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008384
RGB	0, 131, 132
RGB Percent	0%, 51%, 52%
CMY	1.0000, 0.4863, 0.4824
CMYK	1.00, 0.01, 0.00, 0.48
HSL	180°, 100%, 26%
HSV	180°, 100%, 52%
XYZ	12.2812, 17.8985, 24.6373
YIQ	91.9450, -78.3970, -27.4610

# Conversions

## Conversions Part 2

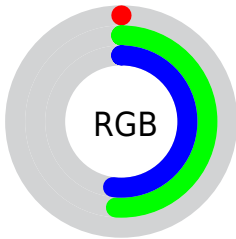
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 132
Decimal	33668
CIELab	49.37, -29.00, -9.16
CIELCh	49, 30.415, 197.530
Yxy	17.8985, 0.2240, 0.3265
Android (android.graphics.Color)	4278223748 (0xFF008384)
YUV	91.9450, 19.7471, -80.6358
Hunter-Lab	42.3067, -22.2201, -4.9128

# Details

The Decimal color **33668** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8651008**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **5552569**, and **20819** is the 20% darker color. If you saturate the color by 10%, you get **33668**, and if you desaturate by 10%, it is **885636**.

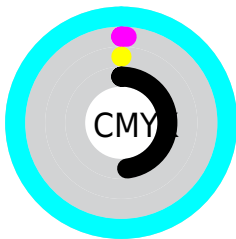
# Distribution



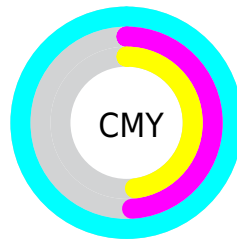
- Red (0%)
- Green (51%)
- Blue (52%)



- Red (0%)
- Yellow (26%)
- Blue (52%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)




- Cyan (100%)
- Magenta (49%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Decimal color 33668 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 33668 by changing the saturation by 10% instead.




 33668  33668

16777215  26987

 5552569  20819

 7460053  14652

 9368049  9254

 11272191  274

 13172735  0

 15138815

 33668

 885636

■ 1737604

■ 2655108

■ 3507076

■ 4359300

■ 5211268

■ 6063236

■ 6980740

■ 7832708

# Harmonies

## Analogous

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



3637865



33668



33179

# Triad

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



33668



9136536



9465923

# Complementary

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



33668



8651008

# 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.



10577744



33668



10576513

# Square

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



33668



6845350



11035239



7829827

# Rectangle

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



33668



2653604



11035239



9858374



# Sweetspot

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



33668



7908011



33792



3626583



14079702



5723991



# Same Dimension

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



33668



43691



17028



3949122



33154



771



# Inverse Universe

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



8650883



11206826



8667648



4340802



8519809



196611



# Previews

## White Background



This preview shows how the Decimal color 33668 looks on a white background.

## Color Contrast Check

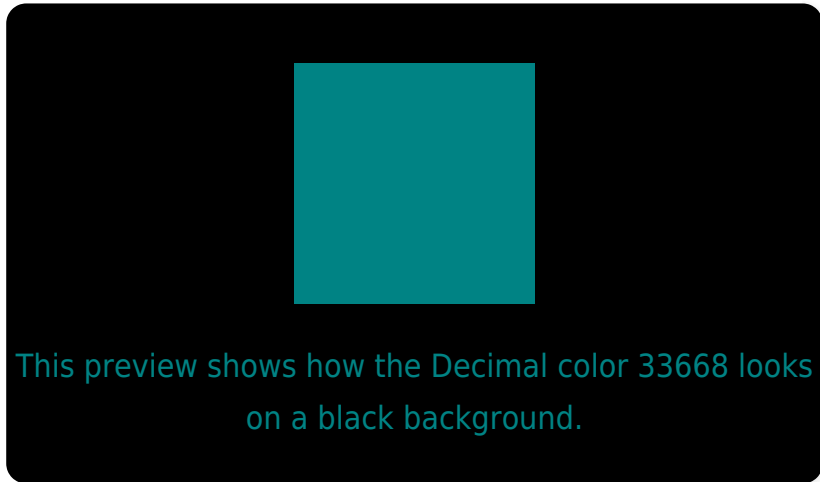
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

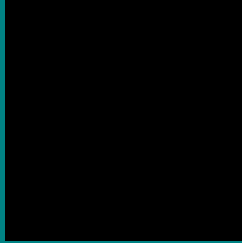
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 33668 Background



This preview shows how black text looks on a background with the Decimal color 33668.

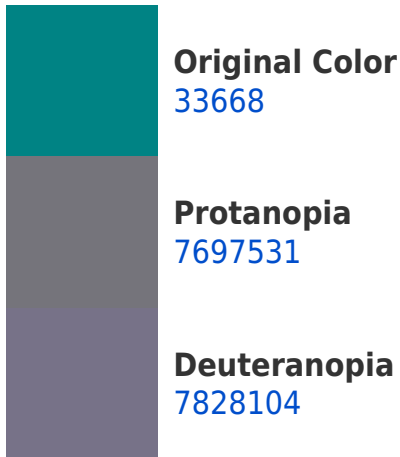


This preview shows how white text looks on a background with the Decimal color 33668.

# 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**  
1540748

# Trichromacy



**Original Color**  
33668

**Protanomaly**  
4880766

**Deuteranomaly**  
5011591

**Tritanomaly**  
1016457

# Monochromacy



**Original Color**  
33668

**Achromatopsia**  
6052956

**Achromatomaly**  
3893867

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 33668 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 #008384 looks like.

```
.text, #text, p{  
    color:#008384  
}
```

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 #008384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008384
}
```

## Border

The CSS property to change the border of an element to Decimal 33668 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
#008384 }
```

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

```
.border{ border-color:#008384 }
```

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

Here you see how a box with a 4 pixel #008384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008384; -webkit-box-shadow:4px 4px  
4px 4px #008384; box-shadow:4px 4px 4px  
4px #008384 }
```

# Background

The CSS property to change the background color of an element to Decimal 33668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008384 }
```

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

```
.background{ background-color:#008384 }
```

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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