

# Converting Colors

Decimal(35707)

Have a look what the booklet for  
Decimal(35707) contains.

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# Color

**Decimal(35707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008B7B
RGB	0, 139, 123
RGB Percent	0%, 55%, 48%
CMY	1.0000, 0.4549, 0.5176
CMYK	1.00, 0.00, 0.12, 0.45
HSL	173°, 100%, 27%
HSV	173°, 100%, 55%
XYZ	12.8078, 19.8953, 21.9040
YIQ	95.6150, -77.7080, -34.4440

# Conversions

## Conversions Part 2

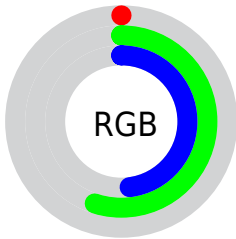
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 139
Decimal	35707
CIELab	51.72, -35.55, -0.43
CIELCh	52, 35.554, 180.696
Yxy	19.8953, 0.2345, 0.3643
Android (android.graphics.Color)	4278225787 (0xFF008B7B)
YUV	95.6150, 13.5008, -83.8544
Hunter-Lab	44.6041, -26.8022, 2.1070

# Details

The Decimal color **35707** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9109520**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **5554607**, and **22602** is the 20% darker color. If you saturate the color by 10%, you get **35707**, and if you desaturate by 10%, it is **953213**.

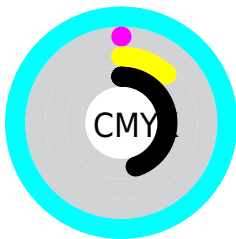
# Distribution



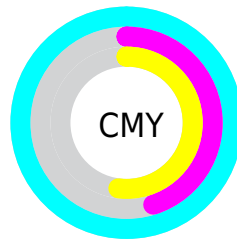
- Red (0%)
- Green (55%)
- Blue (48%)



- Red (0%)
- Yellow (29%)
- Blue (55%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (45%)



- Cyan (100%)
- Magenta (45%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 35707 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 35707 by changing the saturation by 10% instead.




 35707  35707

16777215  29026

 5554607  22602

 7527883  16436

 9435879  10783

 11337727  3079

 13238271  0

 15204351

 35707

 953213

■ 1870718

■ 2788224

■ 3705729

■ 4623235

■ 5475205

■ 6392710

■ 7310216

■ 8227721

# Harmonies

## Analogous

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



4753500



35707



35481

# Triad

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



35707



8352688



10907463

# Complementary

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



35707



9109520

# 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.



11822686



35707



10643610

# Square

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



35707



4947640



11756156



9271869

# Rectangle

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



35707



34986



11756156



11299661



# Sweetspot

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



35707



8369583



1084160



3890264



14408667



6052956



# Same Dimension

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



35707



46496



22155



4080964



34165



1285



# Inverse Universe

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



9109520



11862037



9123072



4537919



8716303



327681



# Previews

## White Background



This preview shows how the Decimal color 35707 looks on a white background.

## Color Contrast Check

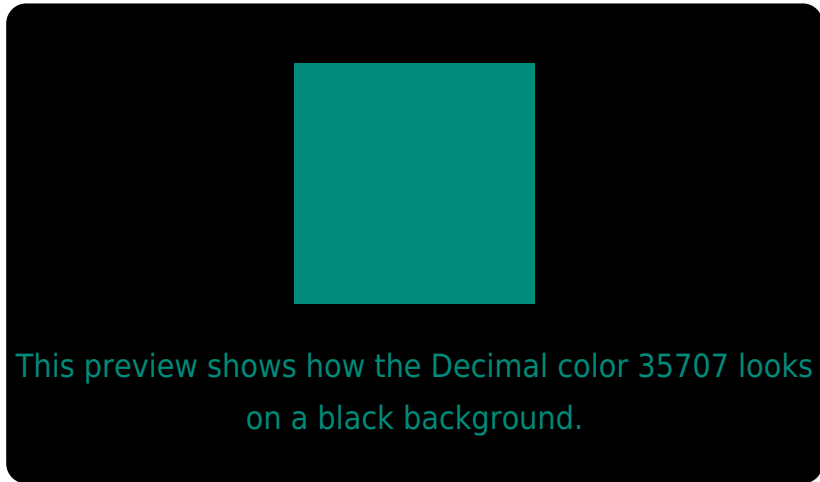
Large Text (above 18pt) WCAG AA ✓ Pass

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

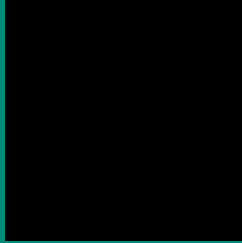
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 35707 Background



This preview shows how black text looks on a background with the Decimal color 35707.

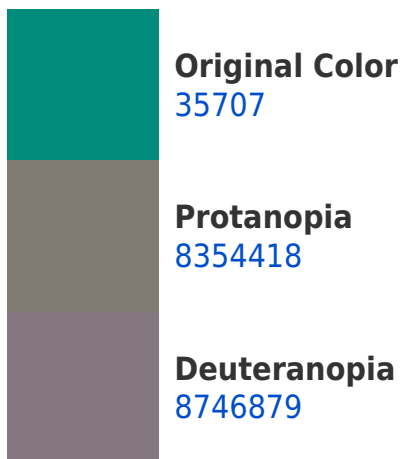


This preview shows how white text looks on a background with the Decimal color 35707.

# Color Blindness Simulation

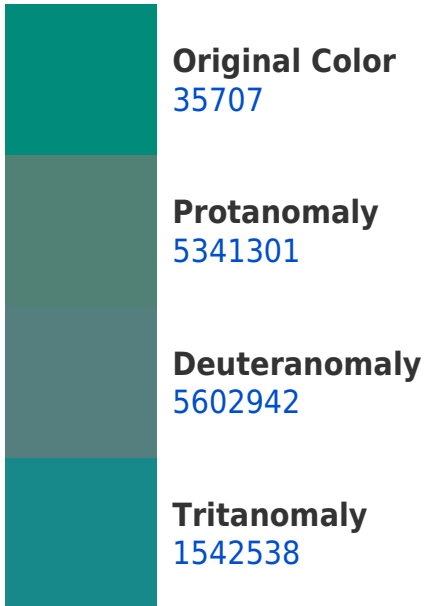
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 35707 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 #008B7B looks like.

```
.text, #text, p{  
    color:#008B7B  
}
```

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 #008B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008B7B
}
```

## Border

The CSS property to change the border of an element to Decimal 35707 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
#008B7B }
```

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

```
.border{ border-color:#008B7B }
```

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

Here you see how a box with a 4 pixel #008B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008B7B; -webkit-box-shadow:4px 4px  
4px 4px #008B7B; box-shadow:4px 4px 4px  
4px #008B7B }
```

# Background

The CSS property to change the background color of an element to Decimal 35707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008B7B }
```

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

```
.background{ background-color:#008B7B }
```

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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