

# Converting Colors

Decimal(37007)

Have a look what the booklet for  
Decimal(37007) contains.

<b>Decimal(37007)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(37007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00908F
RGB	0, 144, 143
RGB Percent	0%, 56%, 56%
CMY	1.0000, 0.4353, 0.4392
CMYK	1.00, 0.00, 0.01, 0.44
HSL	180°, 100%, 28%
HSV	180°, 100%, 56%
XYZ	14.9312, 21.9297, 29.4325
YIQ	100.8300, -85.5030, -30.8390

# Conversions

## Conversions Part 2

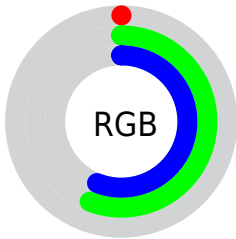
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 72, 144
Decimal	37007
CIELab	53.95, -31.73, -8.71
CIELCh	54, 32.904, 195.347
Yxy	21.9297, 0.2252, 0.3308
Android (android.graphics.Color)	4278227087 (0xFF00908F)
YUV	100.8300, 20.7898, -88.4279
Hunter-Lab	46.8291, -25.0374, -4.4838

# Details

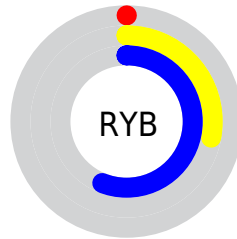
The Decimal color **37007** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9437185**, and the grayscale version is **6645093**.

A 20% lighter version of the original color is **5818053**, and **23901** is the 20% darker color. If you saturate the color by 10%, you get **37007**, and if you desaturate by 10%, it is **954511**.

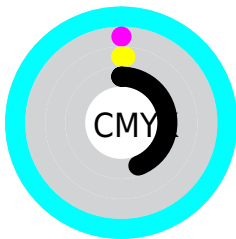
# Distribution



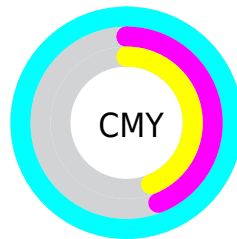
- Red (0%)
- Green (56%)
- Blue (56%)



- Red (0%)
- Yellow (28%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 37007 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 37007 by changing the saturation by 10% instead.



 37007  37007


16777215  30325

 5818053  23901

 7791585  17733

 9699325  11823

 11665407  5914

 13565951  0

 15532031

 37007

 954511

■ 1937551

■ 2855055

■ 3838095

■ 4755599

■ 5673104

■ 6656144

■ 7573648

■ 8556688

# Harmonies

## Analogous

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



4165490



37007



36520

# Triad

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



37007



9860265



10451530

# Complementary

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



37007



9437185

# 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.



11694426



37007



11496592

# Square

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



37007



7307192



12086131



8750153

# Rectangle

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



37007



2460340



12086131



10975054



# Sweetspot

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



37007



8567482



167936



3956318



14606046



6184542



# Same Dimension

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



37007



47801



19088



4212551



34694



2056



# Inverse Universe

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



9437185



12189697



9455104



4669504



8847361



524288



# Previews

## White Background



This preview shows how the Decimal color 37007 looks on a white background.

## Color Contrast Check

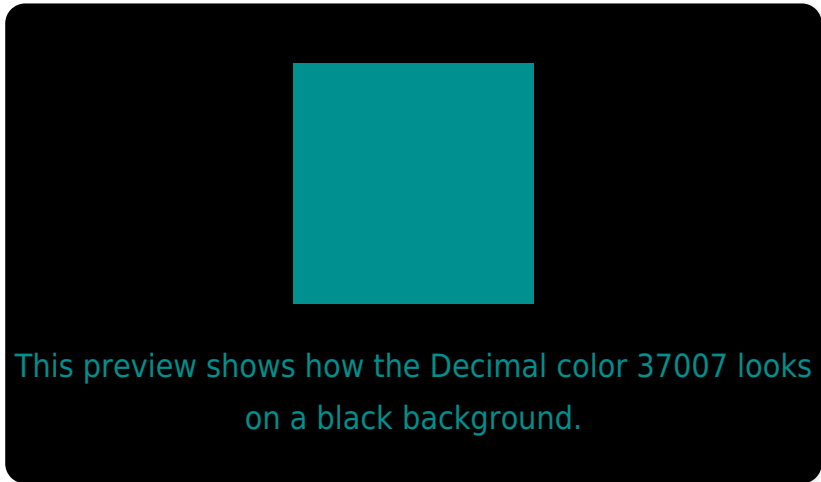
Large Text (above 18pt) WCAG AA ✓ Pass

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

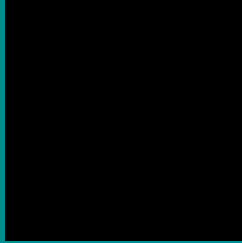
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 37007 Background



This preview shows how black text looks on a background with the Decimal color 37007.

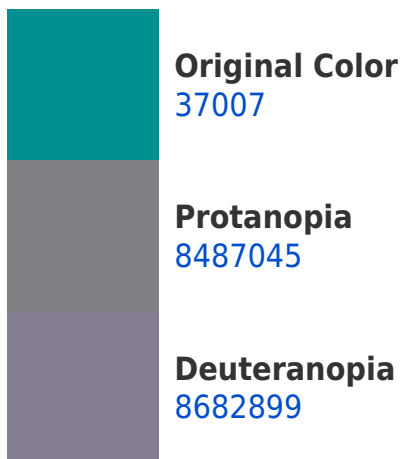


This preview shows how white text looks on a background with the Decimal color 37007.

# 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](#).

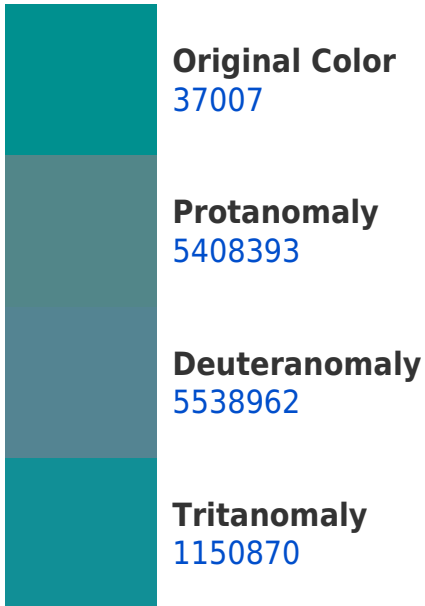
## Dichromacy



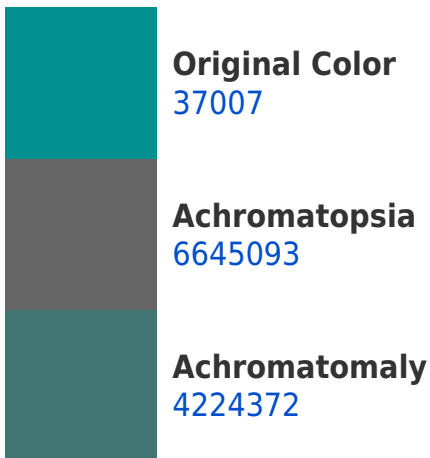


**Tritanopia**  
1805978

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 37007 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 #00908F looks like.

```
.text, #text, p{  
    color:#00908F  
}
```

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 #00908F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00908F
}
```

## Border

The CSS property to change the border of an element to Decimal 37007 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
#00908F }
```

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

```
.border{ border-color:#00908F }
```

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

Here you see how a box with a 4 pixel #00908F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00908F; -webkit-box-shadow:4px 4px  
4px 4px #00908F; box-shadow:4px 4px 4px  
4px #00908F }
```

# Background

The CSS property to change the background color of an element to Decimal 37007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00908F }
```

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

```
.background{ background-color:#00908F }
```

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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