

# Converting Colors

Decimal(100488)

Have a look what the booklet for  
Decimal(100488) contains.

<b>Decimal(100488)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(100488)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	018888
RGB	1, 136, 136
RGB Percent	0%, 53%, 53%
CMY	0.9961, 0.4667, 0.4667
CMYK	0.99, 0.00, 0.00, 0.47
HSL	180°, 99%, 27%
HSV	180°, 99%, 53%
XYZ	13.2606, 19.3923, 26.3367
YIQ	95.6350, -80.4600, -28.6200

# Conversions

## Conversions Part 2

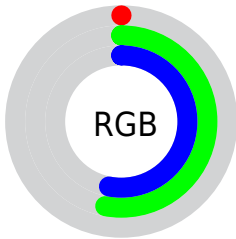
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 69, 136
Decimal	100488
CIELab	51.14, -30.08, -8.85
CIELCh	51, 31.359, 196.391
Yxy	19.3923, 0.2248, 0.3287
Android (android.graphics.Color)	4278290568 (0xFF018888)
YUV	95.6350, 19.8999, -82.9949
Hunter-Lab	44.0367, -23.3133, -4.6334

# Details

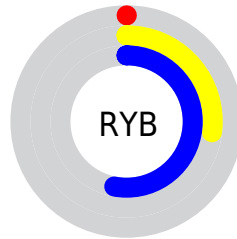
The Decimal color **100488** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8913153**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **5619389**, and **21846** is the 20% darker color. If you saturate the color by 10%, you get **34952**, and if you desaturate by 10%, it is **1017992**.

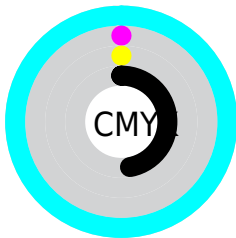
# Distribution



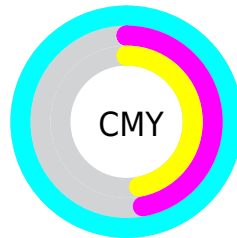
- Red (0%)
- Green (53%)
- Blue (53%)



- Red (0%)
- Yellow (27%)
- Blue (53%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 100488 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 100488 by changing the saturation by 10% instead.



 100488       100488

16777215       28271

 5619389       21846

 7592665       15935

 9500661       10281

 11403263       2325

 13369343       0

 15269887

 100488       100488

 34952       1017992

■ 1869960

■ 2787464

■ 3639432

■ 4556936

■ 5474440

■ 6326408

■ 7243912

■ 8095880

# Harmonies

## Analogous

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



3901292



100488



34464

# Triad

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



100488



9399711



9860166

# Complementary

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



100488



8913153

# 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.



10971988



100488



10905223

# Square

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



100488



6977453



11429228



8224069

# Rectangle

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



100488



2589354



11429228



10318153



# Sweetspot

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



100488



8106160



100353



3758425



14277081



5855577



# Same Dimension

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



100488



45232



83336



4080965



34181



1285



# Inverse Universe

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



8913288



11534512



8930561



4537925



8716421



327685



# Previews

## White Background



This preview shows how the Decimal color 100488 looks on a white background.

## Color Contrast Check

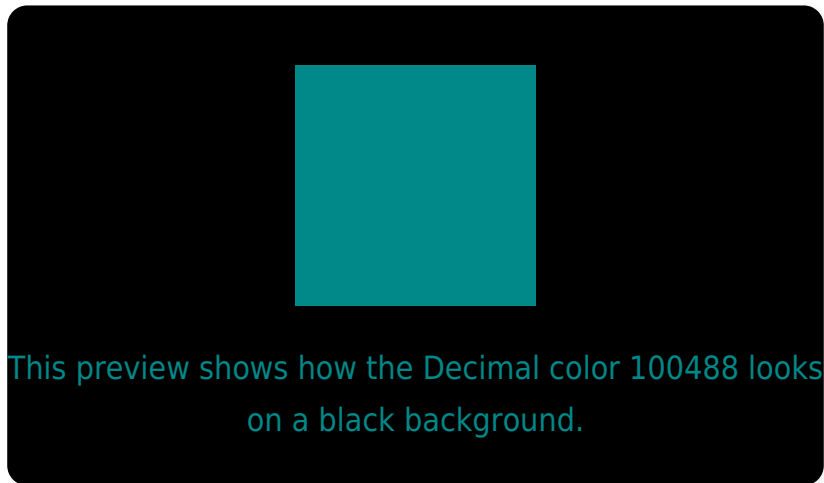
Large Text (above 18pt) WCAG AA ✓ Pass

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

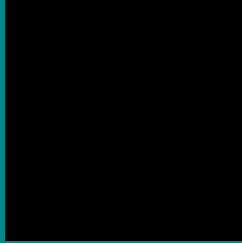
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 100488 Background



This preview shows how black text looks on a background with the Decimal color 100488.

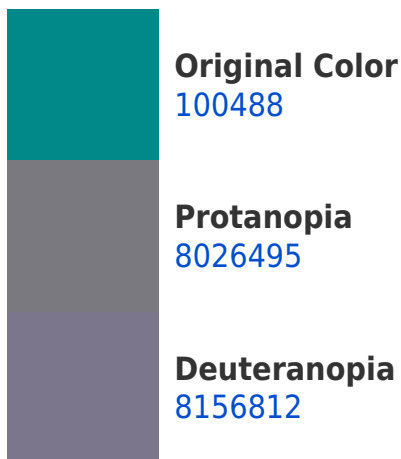


This preview shows how white text looks on a background with the Decimal color 100488.

# 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](#).

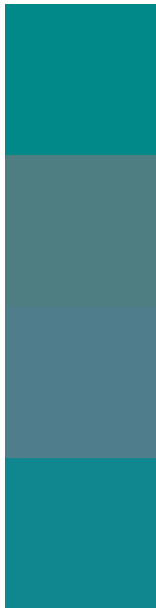
## Dichromacy





**Tritanopia**  
1673105

# Trichromacy



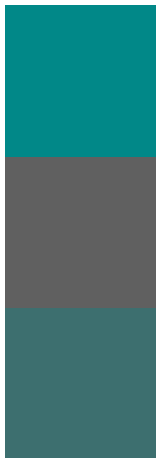
**Original Color**  
100488

**Protanomaly**  
5144194

**Deuteranomaly**  
5209483

**Tritanomaly**  
1083278

# Monochromacy



**Original Color**  
100488

**Achromatopsia**  
6316128

**Achromatomaly**  
4026223

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 100488 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 #018888 looks like.

```
.text, #text, p{  
    color:#018888  
}
```

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 #018888 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #018888
}
```

## Border

The CSS property to change the border of an element to Decimal 100488 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
#018888 }
```

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

```
.border{ border-color:#018888 }
```

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

Here you see how a box with a 4 pixel #018888 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #018888; -webkit-box-shadow:4px 4px  
4px 4px #018888; box-shadow:4px 4px 4px  
4px #018888 }
```

# Background

The CSS property to change the background color of an element to Decimal 100488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#018888 }
```

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

```
.background{ background-color:#018888 }
```

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