

# Converting Colors

Decimal(491636)

Have a look what the booklet for  
Decimal(491636) contains.

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# Color

**Decimal(491636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	078074
RGB	7, 128, 116
RGB Percent	3%, 50%, 45%
CMY	0.9725, 0.4980, 0.5451
CMYK	0.95, 0.00, 0.09, 0.50
HSL	174°, 90%, 26%
HSV	174°, 95%, 50%
XYZ	10.9592, 16.7445, 19.1774
YIQ	90.4530, -68.2640, -29.3840

# Conversions

## Conversions Part 2

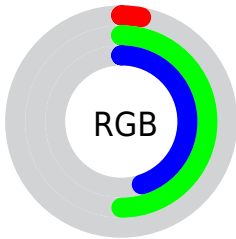
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 71, 128
Decimal	491636
CIELab	47.94, -32.23, -1.87
CIElCh	48, 32.282, 183.327
Yxy	16.7445, 0.2338, 0.3572
Android (android.graphics.Color)	4278681716 (0xFF078074)
YUV	90.4530, 12.5947, -73.1883
Hunter-Lab	40.9200, -23.8042, 0.8574

# Details

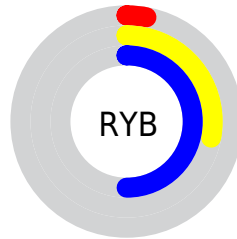
The Decimal color **491636** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8390419**, and the grayscale version is **5921370**.

A 20% lighter version of the original color is **5485992**, and **20036** is the 20% darker color. If you saturate the color by 10%, you get **32883**, and if you desaturate by 10%, it is **1343605**.

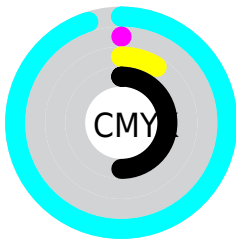
# Distribution



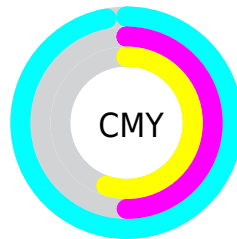
- Red (3%)
- Green (50%)
- Blue (45%)



- Red (3%)
- Yellow (28%)
- Blue (50%)



- Cyan (95%)
- Magenta (0%)
- Yellow (9%)
- Black (50%)



- Cyan (97%)
- Magenta (50%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 491636 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 491636 by changing the saturation by 10% instead.



491636 491636

16777215 26203

5485992 20036

7393731 13870

9236191 8985

11141116 0

13041663

14942207

491636 491636

32883 1343605

■ 2195575

■ 2982008

■ 3833977

■ 4685946

■ 5537916

■ 6389885

■ 7176318

■ 8028287

# Harmonies

## Analogous

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



4292184



491636



32655

# Triad

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



491636



7891615



9922626

# Complementary

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



491636



8390419

# 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.



10772309



491636



9855115

# Square

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



491636



5010600



10837104



8417594

# Rectangle

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



491636



32157



10837104



10249287



# Sweetspot

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



491636



7841441



1277959



3691601



13948116



5526612



# Same Dimension

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



491636



42645



479360



3751999



32883



0



# Inverse Universe

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



8390419



10878992



8402695



4208954



8388621



0



# Previews

## White Background



This preview shows how the Decimal color 491636 looks on a white background.

### Color Contrast Check

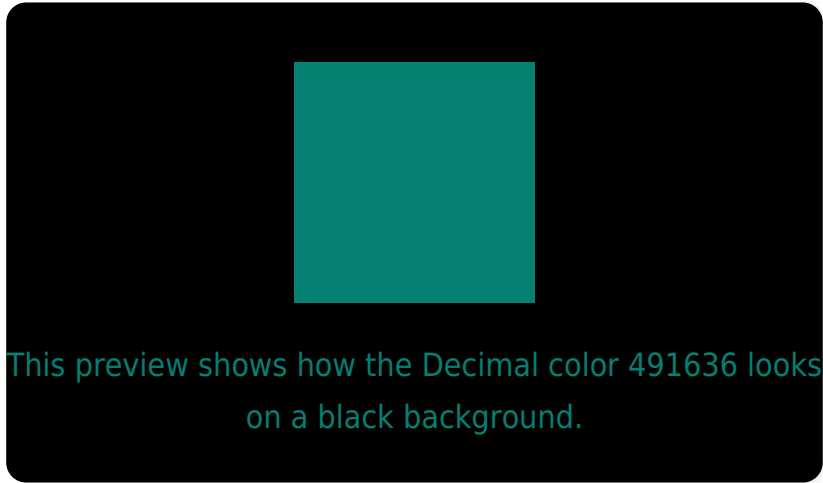
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

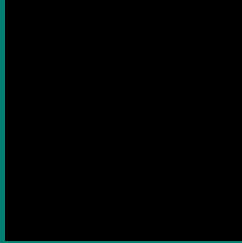
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 491636 Background



This preview shows how black text looks on a background with the Decimal color 491636.

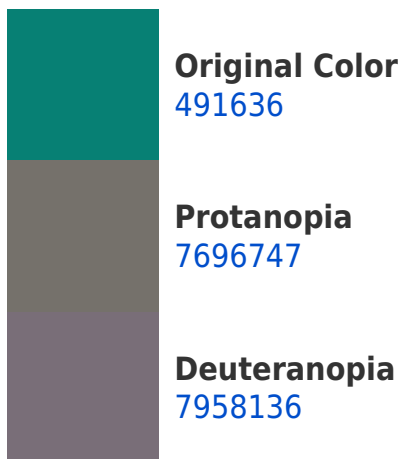



This preview shows how white text looks on a background with the Decimal color 491636.

# 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](#).

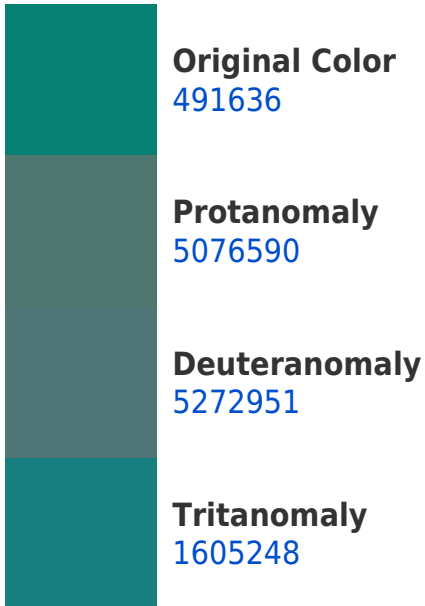
## Dichromacy



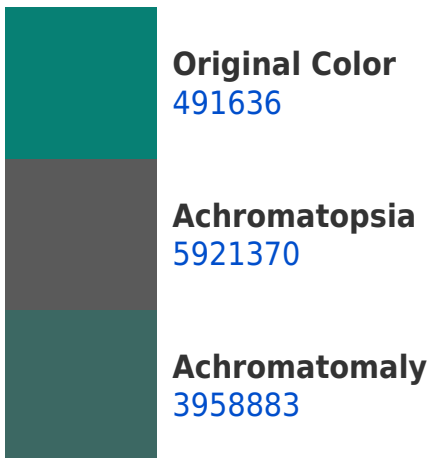


**Tritanopia**  
2194823

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 491636 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 #078074 looks like.

```
.text, #text, p{  
    color:#078074  
}
```

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 #078074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #078074
}
```

## Border

The CSS property to change the border of an element to Decimal 491636 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
#078074 }
```

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

```
.border{ border-color:#078074 }
```

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

Here you see how a box with a 4 pixel #078074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #078074; -webkit-box-shadow:4px 4px  
4px 4px #078074; box-shadow:4px 4px 4px  
4px #078074 }
```

# Background

The CSS property to change the background color of an element to Decimal 491636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#078074 }
```

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

```
.background{ background-color:#078074 }
```

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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