

# Converting Colors

Decimal(4759166)

Have a look what the booklet for  
Decimal(4759166) contains.

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**Color**

**Decimal(4759166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	489E7E
RGB	72, 158, 126
RGB Percent	28%, 62%, 49%
CMY	0.7176, 0.3804, 0.5059
CMYK	0.54, 0.00, 0.20, 0.38
HSL	158°, 37%, 45%
HSV	158°, 54%, 62%
XYZ	18.6652, 27.3378, 24.0316
YIQ	128.6380, -40.9840, -28.1840

# Conversions

## Conversions Part 2

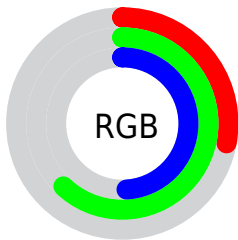
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 125, 158
Decimal	4759166
CIELab	59.29, -33.88, 8.94
CIElCh	59, 35.040, 165.223
Yxy	27.3378, 0.2665, 0.3903
Android (android.graphics.Color)	4282949246 (0xFF489E7E)
YUV	128.6380, -1.3005, -49.6715
Hunter-Lab	52.2856, -27.7776, 9.3489

# Details

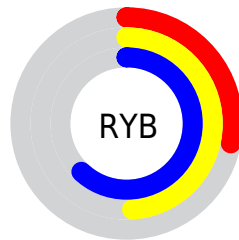
The Decimal color **4759166** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10373224**, and the grayscale version is **8487297**.

A 20% lighter version of the original color is **8377779**, and **92749** is the 20% darker color. If you saturate the color by 10%, you get **3710584**, and if you desaturate by 10%, it is **5807748**.

# Distribution



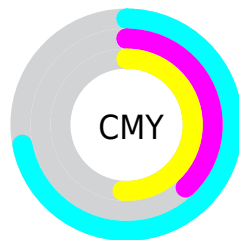
- Red (28%)
- Green (62%)
- Blue (49%)



- Red (28%)
- Yellow (49%)
- Blue (62%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)

















- Cyan (72%)
- Magenta (38%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4759166 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 4759166 by changing the saturation by 10% instead.



 4759166	 4759166
 16777215	 2851941
 8377779	 92749
 10220238	 20790
 12058602	 14625
 13959167	 9483
 15859711	 0

 4759166	 4759166
 3710584	 5807748
 2662002	 6856330

■ 1678956

■ 7839376

■ 630374

■ 8887958

■ 40547

■ 9936539

■ 10985121

■ 12033703

■ 13016749

■ 14065331

# Harmonies

## Analogous

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



7445090



4759166



630686

# Triad

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



4759166



8096970



12877156

# Complementary

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



4759166



10373224

# 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.



13334400



4759166



10912186

# Square

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



4759166



4429514



12679327



11569235

# Rectangle

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



4759166



40625



12679327



13138541



# Sweetspot

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



4759166



11456450



6921800



5597537



15263976



6908265



# Same Dimension

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



4759166



4771741



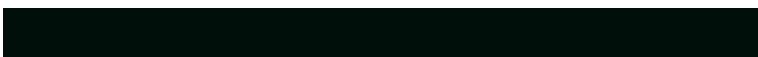
4756638



4673356



36698



3850



# Inverse Universe

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



10373224



13584506



10375752



5195594



9371701

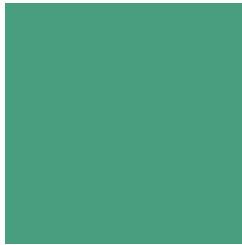


983046



# Previews

## White Background



This preview shows how the Decimal color 4759166 looks on a white background.

## Color Contrast Check

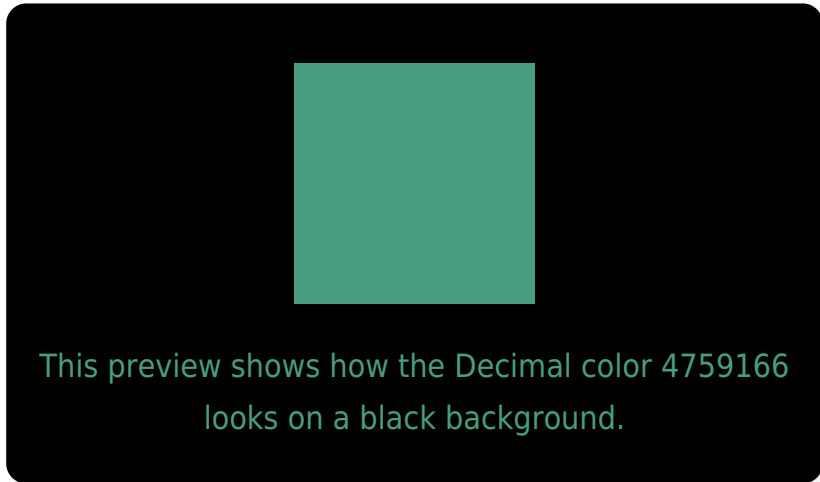
Large Text (above 18pt) WCAG AA ✓ Pass

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

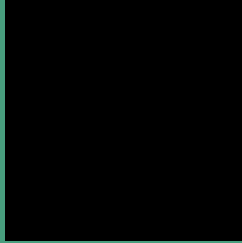
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4759166 Background



This preview shows how black text looks on a background with the Decimal color 4759166.

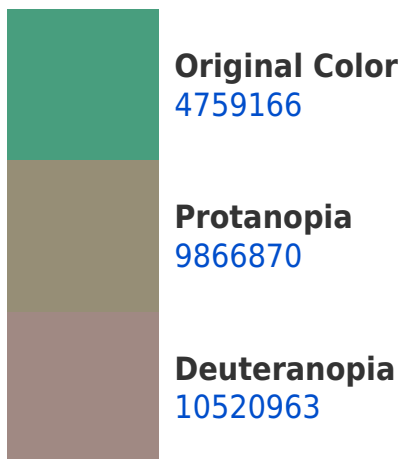


This preview shows how white text looks on a background with the Decimal color 4759166.

# 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 4759166 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 #489E7E looks like.

```
.text, #text, p{  
    color:#489E7E  
}
```

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 #489E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #489E7E
}
```

## Border

The CSS property to change the border of an element to Decimal 4759166 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
#489E7E }
```

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

```
.border{ border-color:#489E7E }
```

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

Here you see how a box with a 4 pixel #489E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #489E7E; -webkit-box-shadow:4px 4px  
4px 4px #489E7E; box-shadow:4px 4px 4px  
4px #489E7E }
```

# Background

The CSS property to change the background color of an element to Decimal 4759166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#489E7E }
```

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

```
.background{ background-color:#489E7E }
```

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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