

# Converting Colors

Decimal(4693373)

Have a look what the booklet for  
Decimal(4693373) contains.

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# Color

**Decimal(4693373)**

# Conversions

## Conversions Part 1

Format	Color
Hex	479D7D
RGB	71, 157, 125
RGB Percent	28%, 62%, 49%
CMY	0.7216, 0.3843, 0.5098
CMYK	0.55, 0.00, 0.20, 0.38
HSL	158°, 38%, 45%
HSV	158°, 55%, 62%
XYZ	18.3572, 26.9342, 23.6333
YIQ	127.6380, -40.9840, -28.1840

# Conversions

## Conversions Part 2

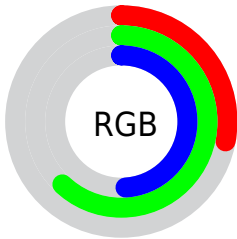
<b>Format</b>	<b>Color</b>
<b>RYB</b>	71, 124, 157
Decimal	4693373
CIELab	58.91, -33.88, 8.97
CIElCh	59, 35.050, 165.178
Yxy	26.9342, 0.2663, 0.3908
Android (android.graphics.Color)	4282883453 (0xFF479D7D)
YUV	127.6380, -1.3005, -49.6715
Hunter-Lab	51.8982, -27.6836, 9.3293

# Details

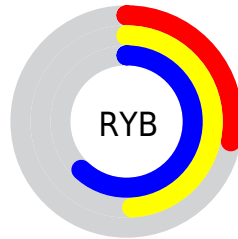
The Decimal color **4693373** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10307431**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **8311986**, and **26956** is the 20% darker color. If you saturate the color by 10%, you get **3644791**, and if you desaturate by 10%, it is **5741955**.

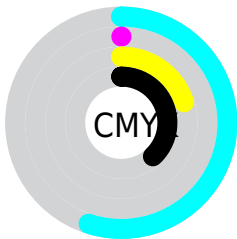
# Distribution



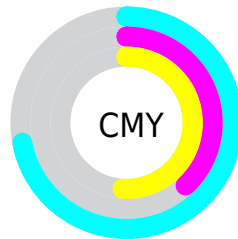
- Red (28%)
- Green (62%)
- Blue (49%)



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



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)



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

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4693373 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 4693373 by changing the saturation by 10% instead.





4693373



4693373

16777215



2786148



8311986



26956



10154445



20533



11993065



14368



13893631



9225



15794175



0



4693373



4693373



3644791



5741955



2661745



6725001

■ 1613163

■ 7773583

■ 564582

■ 8822164

■ 40291

■ 9870746

■ 10853792

■ 11902374

■ 12950956

■ 13934002

# Harmonies

## Analogous

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



7379297



4693373



368285

# Triad

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



4693373



8031177



12811363

# Complementary

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



4693373



10307431

# 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.



13268607



4693373



10846393

# Square

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



4693373



4363721



12613534



11503442

# Rectangle

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



4693373



40368



12613534



13072748



# Sweetspot

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



4693373



11259072



6856007



5465695



15132390



6710886



# Same Dimension

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



4693373



4574362



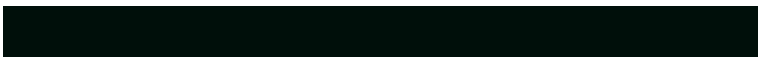
4690845



4673356



36698



3850



# Inverse Universe

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



10307431



13387127



10309959



5195594



9371701



983046



# Previews

## White Background



This preview shows how the Decimal color 4693373 looks on a white background.

## Color Contrast Check

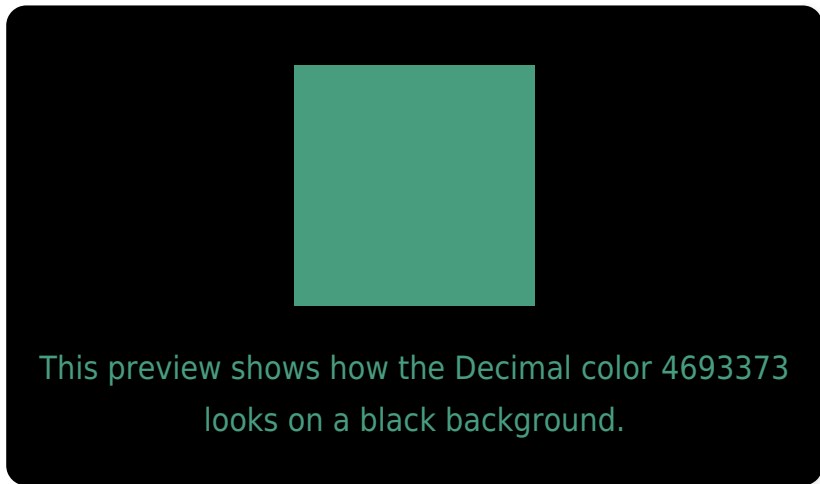
Large Text (above 18pt) WCAG AA ✓ Pass

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

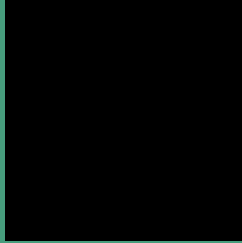
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4693373 Background



This preview shows how black text looks on a background with the Decimal color 4693373.



This preview shows how white text looks on a background with the Decimal color 4693373.

# 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



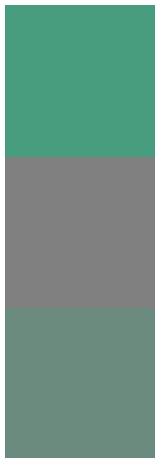
**Original Color**  
4693373

**Protanomaly**  
7967608

**Deuteranomaly**  
8360064

**Tritanomaly**  
5216918

# Monochromacy



**Original Color**  
4693373

**Achromatopsia**  
8421504

**Achromatomaly**  
7048063

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4693373 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 #479D7D looks like.

```
.text, #text, p{  
    color:#479D7D  
}
```

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 #479D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #479D7D  
}
```

## Border

The CSS property to change the border of an element to Decimal 4693373 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  
#479D7D }
```

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

```
.border{ border-color:#479D7D }
```

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

Here you see how a box with a 4 pixel #479D7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #479D7D; -webkit-box-shadow:4px 4px  
4px 4px #479D7D; box-shadow:4px 4px 4px  
4px #479D7D }
```

# Background

The CSS property to change the background color of an element to Decimal 4693373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#479D7D }
```

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

```
.background{ background-color:#479D7D }
```

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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