

# Converting Colors

Decimal(4824971)

Have a look what the booklet for  
Decimal(4824971) contains.

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# Color

**Decimal(4824971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	499F8B
RGB	73, 159, 139
RGB Percent	29%, 62%, 55%
CMY	0.7137, 0.3765, 0.4549
CMYK	0.54, 0.00, 0.13, 0.38
HSL	166°, 37%, 45%
HSV	166°, 54%, 62%
XYZ	19.8060, 28.0768, 28.8016
YIQ	131.0060, -44.8360, -24.4520

# Conversions

## Conversions Part 2

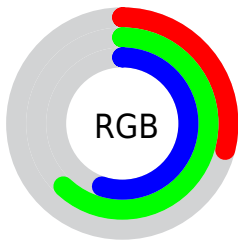
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 122, 159
Decimal	4824971
CIELab	59.96, -30.98, 2.58
CIELCh	60, 31.082, 175.244
Yxy	28.0768, 0.2583, 0.3661
Android (android.graphics.Color)	4283015051 (0xFF499F8B)
YUV	131.0060, 3.9410, -50.8713
Hunter-Lab	52.9876, -26.0075, 4.8640

# Details

The Decimal color **4824971** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10439005**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **8443584**, and **93017** is the 20% darker color. If you saturate the color by 10%, you get **3776391**, and if you desaturate by 10%, it is **5873551**.

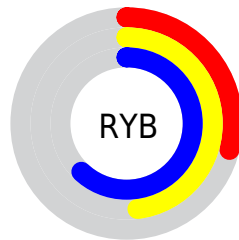
# Distribution



Red (29%)

Green (62%)

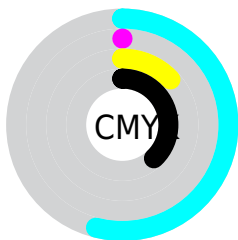
Blue (55%)



Red (29%)

Yellow (48%)

Blue (62%)

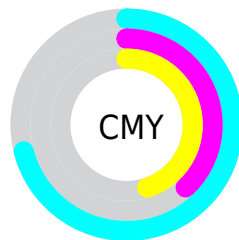


Cyan (54%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (71%)

Magenta (38%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4824971 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 4824971 by changing the saturation by 10% instead.



■ 4824971

■ 4824971

16777215

■ 2917746

■ 8443584

■ 93017

■ 10286044

■ 21058

■ 12189689

■ 14892

■ 14024703

■ 9495

■ 15990783

■ 0

■ 4824971

■ 4824971

■ 3776391

■ 5873551

■ 2727812

■ 6922130

■ 1679232

■ 7970710

■ 630652

■ 9019290

■ 40826

■ 10067869

■ 11050913

■ 12099493

■ 13148073

■ 14196652

# Harmonies

## Analogous

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



7052400



4824971



2924455

# Triad

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



4824971



9341890



12354660

# Complementary

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



4824971



10439005

# 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.



13008251



4824971



11502000

# Square

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



4824971



6526151



12745878



10980698

# Rectangle

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



4824971



3120566



12745878



12681579



# Sweetspot

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



4824971



11456455



6135625



5597540



15263976



6908265



# Same Dimension

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



4824971



4771759



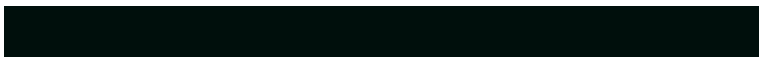
4819103



4673357



36718



3852



# Inverse Universe

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



10439005



13584488



10444873



5195593



9371681

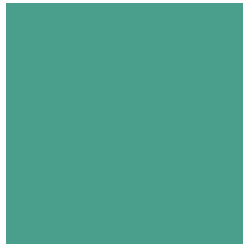


983044



# Previews

## White Background



This preview shows how the Decimal color 4824971 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



This preview shows how the Decimal color 4824971 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

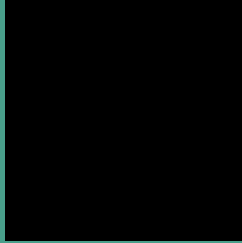
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4824971 Background



This preview shows how black text looks on a background with the Decimal color 4824971.

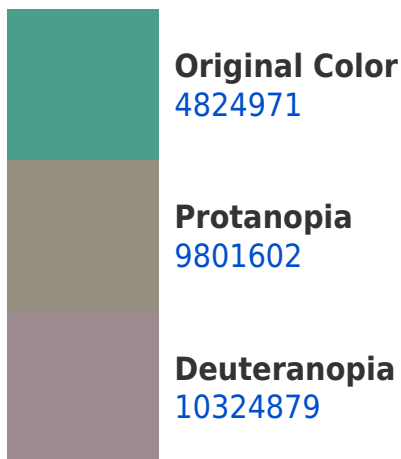



This preview shows how white text looks on a background with the Decimal color 4824971.

# 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



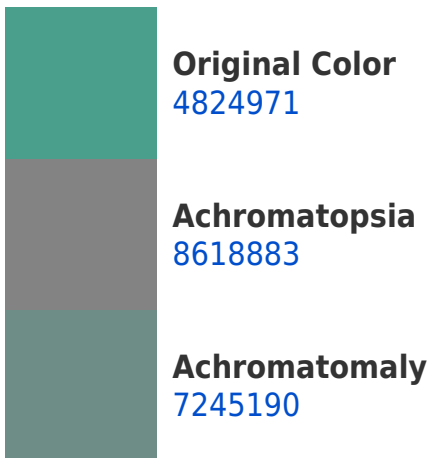


**Tritanopia**  
5413799

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4824971 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 #499F8B looks like.

```
.text, #text, p{  
    color:#499F8B  
}
```

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 #499F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499F8B
}
```

## Border

The CSS property to change the border of an element to Decimal 4824971 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
#499F8B }
```

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

```
.border{ border-color:#499F8B }
```

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

Here you see how a box with a 4 pixel #499F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499F8B; -webkit-box-shadow:4px 4px  
4px 4px #499F8B; box-shadow:4px 4px 4px  
4px #499F8B }
```

# Background

The CSS property to change the background color of an element to Decimal 4824971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499F8B }
```

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

```
.background{ background-color:#499F8B }
```

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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