

# Converting Colors

Decimal(4759969)

Have a look what the booklet for  
Decimal(4759969) contains.

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# Color

**Decimal(4759969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48A1A1
RGB	72, 161, 161
RGB Percent	28%, 63%, 63%
CMY	0.7176, 0.3686, 0.3686
CMYK	0.55, 0.00, 0.00, 0.37
HSL	180°, 38%, 46%
HSV	180°, 55%, 63%
XYZ	21.8504, 29.4407, 38.2492
YIQ	134.3890, -53.0440, -18.8680

# Conversions

## Conversions Part 2

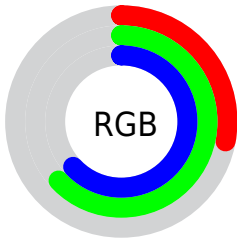
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 117, 161
Decimal	4759969
CIE <sub>Lab</sub>	61.17, -26.33, -8.07
CIE <sub>LCh</sub>	61, 27.535, 197.041
Yxy	29.4407, 0.2440, 0.3288
Android (android.graphics.Color)	4282950049 (0xFF48A1A1)
YUV	134.3890, 13.1192, -54.7152
Hunter-Lab	54.2593, -23.0712, -3.8141

# Details

The Decimal color **4759969** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10569800**, and the grayscale version is **8816262**.

A 20% lighter version of the original color is **8509656**, and **28014** is the 20% darker color. If you saturate the color by 10%, you get **3711393**, and if you desaturate by 10%, it is **5808545**.

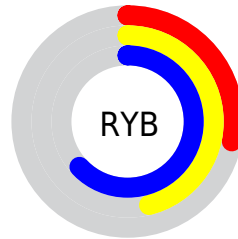
# Distribution



Red (28%)

Green (63%)

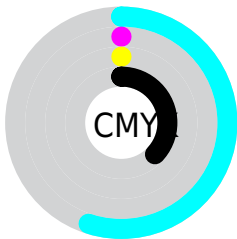
Blue (63%)



Red (28%)

Yellow (46%)

Blue (63%)

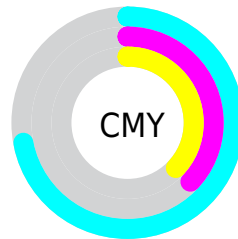


Cyan (55%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (72%)

Magenta (37%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4759969 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 4759969 by changing the saturation by 10% instead.



 4759969

 4759969

16777215

 2721671

 8509656

 28014

 10352116

 21589

 12255231

 15678

 14155775

 10024

 16056319

 2324

 0

 4759969

 4759969

 3711393

 5808545

■ 2662817

■ 6857121

■ 1614241

■ 7905697

■ 565665

■ 8954273

■ 41377

■ 10068385

■ 11116961

■ 12165537

■ 13214113

■ 14262689

# Harmonies

## Analogous

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



6267016



4759969



4759478

# Triad

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



4759969



11045301



11439717

# Complementary

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



4759969



10569800

# 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.



12552049



4759969



12419999

# Square

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



4759969



8950210



12878471



9934693

# Rectangle

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



4759969



5872576



12878471



11897959



# Sweetspot

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



4759969



11456977



4759880



5532009



15263976



6908265



# Same Dimension

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



4759969



4706769



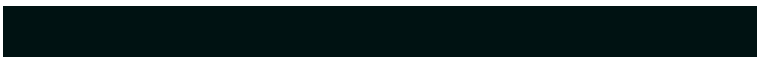
4748705



4805202



37265



4626



# Inverse Universe

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



10569889



13715409



10581320



5392722



9502865

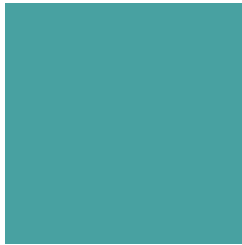


1179666



# Previews

## White Background



This preview shows how the Decimal color 4759969 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 4759969 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 4759969 Background



This preview shows how black text looks on a background with the Decimal color 4759969.




This preview shows how white text looks on a background with the Decimal color 4759969.

# 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



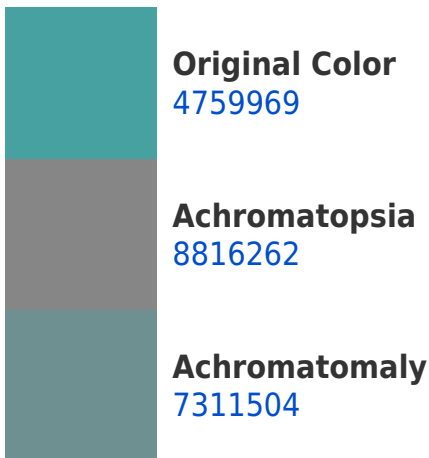


**Tritanopia**  
5021612

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4759969 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 #48A1A1 looks like.

```
.text, #text, p{  
    color:#48A1A1  
}
```

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 #48A1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A1A1
}
```

## Border

The CSS property to change the border of an element to Decimal 4759969 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
#48A1A1 }
```

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

```
.border{ border-color:#48A1A1 }
```

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

Here you see how a box with a 4 pixel #48A1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A1A1; -webkit-box-shadow:4px 4px  
4px 4px #48A1A1; box-shadow:4px 4px 4px  
4px #48A1A1 }
```

# Background

The CSS property to change the background color of an element to Decimal 4759969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A1A1 }
```

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

```
.background{ background-color:#48A1A1 }
```

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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