

# Converting Colors

Decimal(4759687)

Have a look what the booklet for  
Decimal(4759687) contains.

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# Color

**Decimal(4759687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48A087
RGB	72, 160, 135
RGB Percent	28%, 63%, 53%
CMY	0.7176, 0.3725, 0.4706
CMYK	0.55, 0.00, 0.16, 0.37
HSL	163°, 38%, 45%
HSV	163°, 55%, 63%
XYZ	19.6165, 28.2686, 27.3442
YIQ	130.8380, -44.4230, -26.4310

# Conversions

## Conversions Part 2

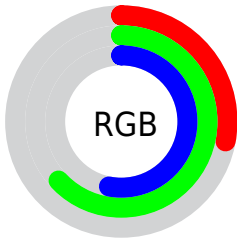
<b>Format</b>	<b>Color</b>
<b>RYB</b>	72, 123, 160
Decimal	4759687
CIELab	60.13, -32.67, 5.08
CIElCh	60, 33.060, 171.165
Yxy	28.2686, 0.2608, 0.3758
Android (android.graphics.Color)	4282949767 (0xFF48A087)
YUV	130.8380, 2.0519, -51.6009
Hunter-Lab	53.1682, -27.1866, 6.7252

# Details

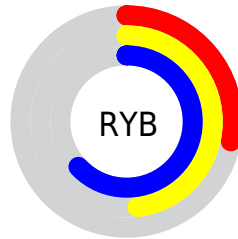
The Decimal color **4759687** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10504289**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **8378300**, and **27733** is the 20% darker color. If you saturate the color by 10%, you get **3711106**, and if you desaturate by 10%, it is **5808268**.

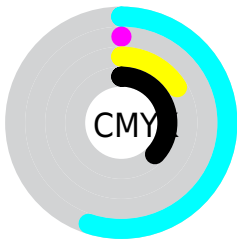
# Distribution



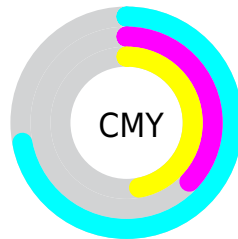
- Red (28%)
- Green (63%)
- Blue (53%)



- Red (28%)
- Yellow (48%)
- Blue (63%)



- Cyan (55%)
- Magenta (0%)
- Yellow (16%)
- Black (37%)



- Cyan (72%)
- Magenta (37%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4759687 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 4759687 by changing the saturation by 10% instead.





4759687



4759687

16777215



2786670



8378300



27733



10220760



21310



12124148



15144



13959167



9748



15925247



256



0



4759687



4759687



3711106



5808268

■ 2662526

■ 6856848

■ 1613945

■ 7905429

■ 565365

■ 8954009

■ 41075

■ 10002590

■ 11051170

■ 12099751

■ 13148331

■ 14196912

# Harmonies

## Analogous

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



7249003



4759687



2072741

# Triad

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



4759687



8949191



12681829

# Complementary

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



4759687



10504289

# 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.



13269885



4759687



11371190

# Square

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



4759687



5805770



12876699



11308119

# Rectangle

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



4759687



1679286



12876699



12943212



# Sweetspot

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



4759687



11456967



6463560



5532003



15263976



6908265



# Same Dimension

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



4759687



4706730



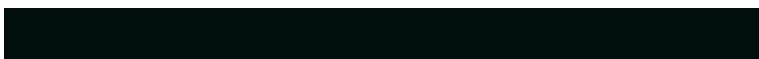
4755104



4673357



36710



3851



# Inverse Universe

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



10504289



13715310



10508872



5195593



9371689

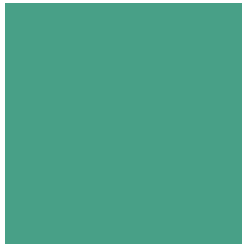


983044



# Previews

## White Background



This preview shows how the Decimal color 4759687 looks on a white background.

## Color Contrast Check

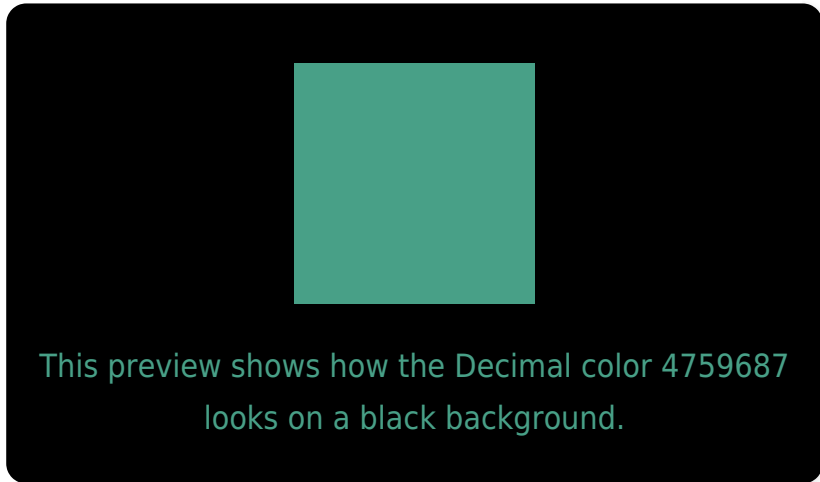
Large Text (above 18pt) WCAG AA ✓ Pass

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

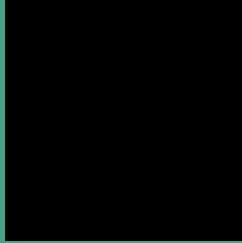
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Decimal 4759687 Background



This preview shows how black text looks on a background with the Decimal color 4759687.

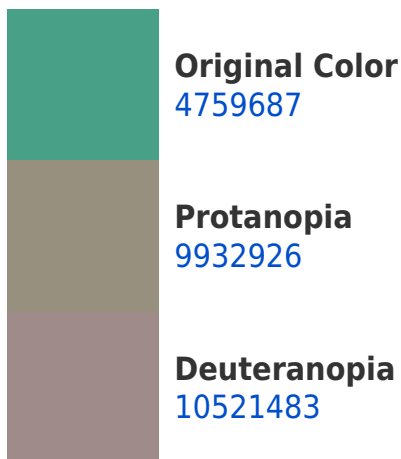


This preview shows how white text looks on a background with the Decimal color 4759687.

# 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**  
5479336

# Trichromacy



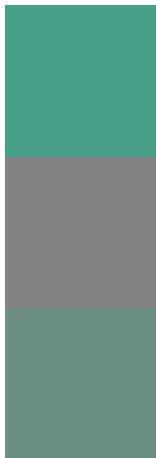
**Original Color**  
4759687

**Protanomaly**  
8033921

**Deuteranomaly**  
8426378

**Tritanomaly**  
5217692

# Monochromacy



**Original Color**  
4759687

**Achromatopsia**  
8618883

**Achromatomaly**  
7245444

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4759687 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 #48A087 looks like.

```
.text, #text, p{  
  color:#48A087  
}
```

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 #48A087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A087
}
```

## Border

The CSS property to change the border of an element to Decimal 4759687 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
#48A087 }
```

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

```
.border{ border-color:#48A087 }
```

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

Here you see how a box with a 4 pixel #48A087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A087; -webkit-box-shadow:4px 4px  
4px 4px #48A087; box-shadow:4px 4px 4px  
4px #48A087 }
```

# Background

The CSS property to change the background color of an element to Decimal 4759687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A087 }
```

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

```
.background{ background-color:#48A087 }
```

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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