

# Converting Colors

Decimal(1550239)

Have a look what the booklet for  
Decimal(1550239) contains.

<b>Decimal(1550239)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1550239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17A79F
RGB	23, 167, 159
RGB Percent	9%, 65%, 62%
CMY	0.9098, 0.3451, 0.3765
CMYK	0.86, 0.00, 0.05, 0.35
HSL	177°, 76%, 37%
HSV	177°, 86%, 65%
XYZ	20.4301, 30.3228, 37.5770
YIQ	123.0320, -83.2560, -33.0160

# Conversions

## Conversions Part 2

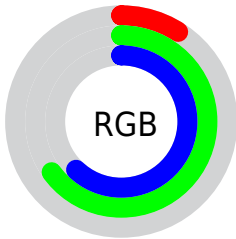
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 97, 167
Decimal	1550239
CIELab	61.93, -36.40, -5.92
CIELCh	62, 36.880, 189.240
Yxy	30.3228, 0.2313, 0.3433
Android (android.graphics.Color)	4279740319 (0xFF17A79F)
YUV	123.0320, 17.7322, -87.7281
Hunter-Lab	55.0661, -30.1405, -1.9131

# Details

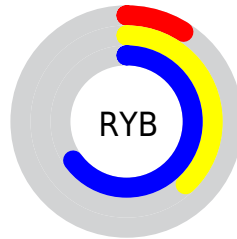
The Decimal color **1550239** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10950431**, and the grayscale version is **8092539**.

A 20% lighter version of the original color is **6610902**, and **29292** is the 20% darker color. If you saturate the color by 10%, you get **436126**, and if you desaturate by 10%, it is **2664352**.

# Distribution



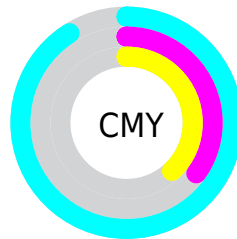
- Red (9%)
- Green (65%)
- Blue (62%)



- Red (9%)
- Yellow (38%)
- Blue (65%)



- Cyan (86%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (91%)
- Magenta (35%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1550239 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 1550239 by changing the saturation by 10% instead.



 1550239

 1550239

16777215

 35973

 6610902

 29292

 8584434

 22868

 10551295

 16701

 12517375

 10791

 14483455

 3603

 16515071

 0

 1550239

 1550239

 436126

 2664352

■ 42910

■ 3712929

■ 4827042

■ 5941155

■ 6989732

■ 8103845

■ 9217957

■ 10332070

■ 11380647

# Harmonies

## Analogous

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



5547389



1550239



42430

# Triad

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



1550239



10914248



12487769

# Complementary

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



1550239



10950431

# 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.



13664622



1550239



13074350

# Square

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



1550239



7771606



13925517



10590036

# Rectangle

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



1550239



1549005



13925517



12945502



# Sweetspot

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



1550239



10541526



2205463



5009004



15592941



7237230



# Same Dimension

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



1550239



55757



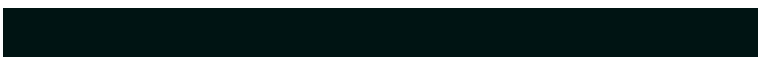
1534375



5002324



38028



5139



# Inverse Universe

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



10950431



14221324



10966295



5524556



9699336

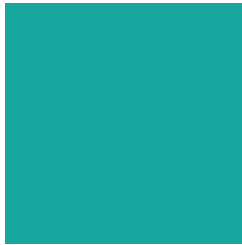


1310721



# Previews

## White Background



This preview shows how the Decimal color 1550239 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 1550239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

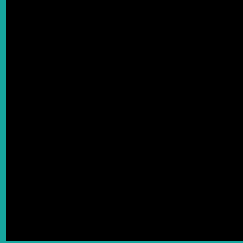
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1550239 Background



This preview shows how black text looks on a background with the Decimal color 1550239.

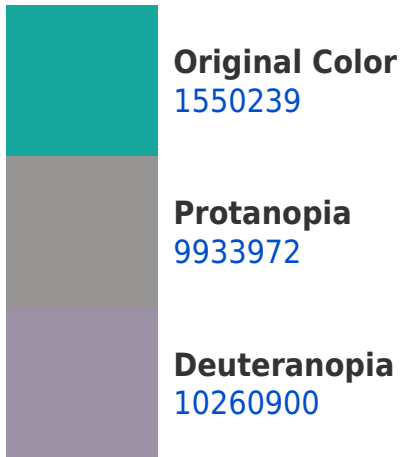


This preview shows how white text looks on a background with the Decimal color 1550239.

# 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**  
2794674

# Trichromacy



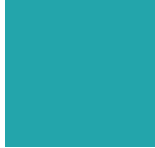
**Original Color**  
1550239



**Protanomaly**  
6855576



**Deuteranomaly**  
7117218



**Tritanomaly**  
2336171

# Monochromacy



**Original Color**  
1550239



**Achromatopsia**  
8092539



**Achromatomaly**  
5737352

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1550239 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 #17A79F looks like.

```
.text, #text, p{  
  color:#17A79F  
}
```

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 #17A79F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17A79F
}
```

## Border

The CSS property to change the border of an element to Decimal 1550239 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
#17A79F }
```

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

```
.border{ border-color:#17A79F }
```

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

Here you see how a box with a 4 pixel #17A79F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17A79F; -webkit-box-shadow:4px 4px  
4px 4px #17A79F; box-shadow:4px 4px 4px  
4px #17A79F }
```

# Background

The CSS property to change the background color of an element to Decimal 1550239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17A79F }
```

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

```
.background{ background-color:#17A79F }
```

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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