

# Converting Colors

Decimal(8176579)

Have a look what the booklet for  
Decimal(8176579) contains.

<b>Decimal(8176579)</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(8176579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CC3C3
RGB	124, 195, 195
RGB Percent	49%, 76%, 76%
CMY	0.5137, 0.2353, 0.2353
CMYK	0.36, 0.00, 0.00, 0.24
HSL	180°, 37%, 63%
HSV	180°, 36%, 76%
XYZ	37.6776, 47.2554, 58.7651
YIQ	173.7710, -42.3160, -15.0520

# Conversions

## Conversions Part 2

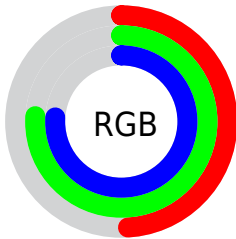
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 160, 195
Decimal	8176579
CIELab	74.35, -22.15, -7.06
CIELCh	74, 23.250, 197.664
Yxy	47.2554, 0.2622, 0.3289
Android (android.graphics.Color)	4286366659 (0xFF7CC3C3)
YUV	173.7710, 10.4659, -43.6492
Hunter-Lab	68.7426, -22.4642, -2.5647

# Details

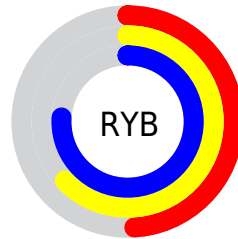
The Decimal color **8176579** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12811388**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **11795708**, and **4623757** is the 20% darker color. If you saturate the color by 10%, you get **6931395**, and if you desaturate by 10%, it is **9487299**.

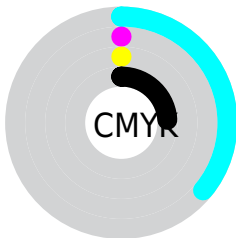
# Distribution



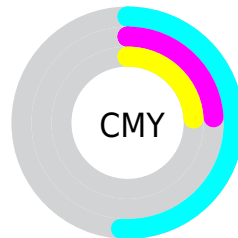
- Red (49%)
- Green (76%)
- Blue (76%)



- Red (49%)
- Yellow (63%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8176579 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 8176579 by changing the saturation by 10% instead.





8176579



8176579

16777215



6400168



11795708



4623757



13697023



2716532



15597567



154459



17220



11310



6425



0



8176579



8176579

6931395

9487299

5620675

10732483

4375491

12043203

3064771

13288387

1754051

14533571

508867

15844291

50115

16761795

# Harmonies

## Analogous

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



9159341



8176579



8307158

# Triad

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



8176579



13282772



13611662

# Complementary

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



8176579



12811388

# 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.



14593176



8176579



14461121

# Square

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



8176579



11515103



14919851



12237198

# Rectangle

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



8176579



9092574



14919851



14004368

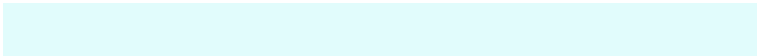


# Sweetspot

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



8176579



14810364



8176508



7307392



0



8421504



# Same Dimension

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



8176579



9305340



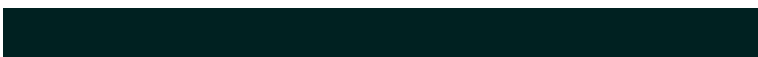
8167363



5726561



41377



8481



# Inverse Universe

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



12811459



16551420



12820348



6379361



10551457

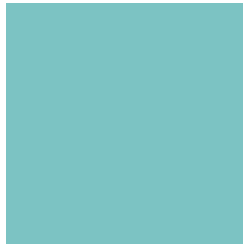


2162721



# Previews

## White Background



This preview shows how the Decimal color 8176579 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 8176579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

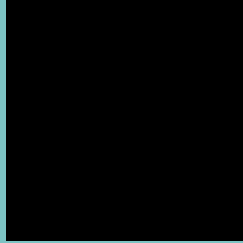
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

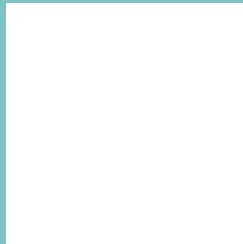
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8176579 Background



This preview shows how black text looks on a background with the Decimal color 8176579.

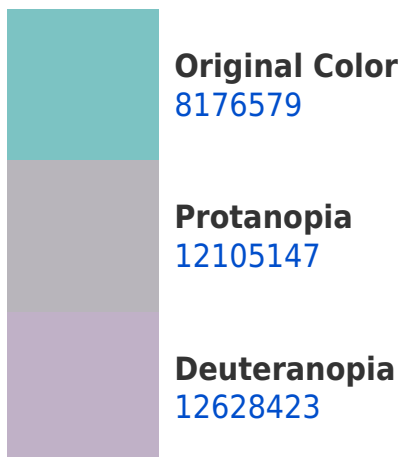


This preview shows how white text looks on a background with the Decimal color 8176579.

# 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](#).

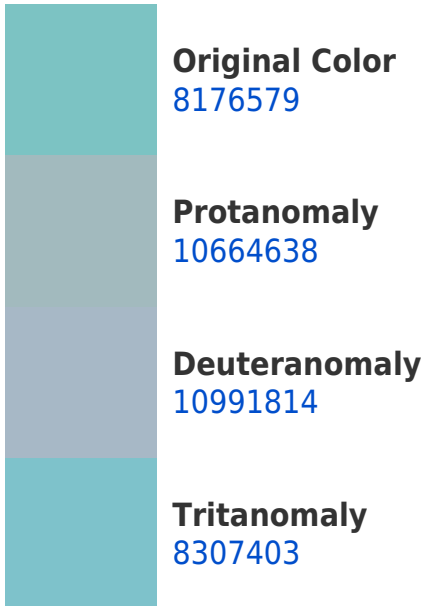
## Dichromacy





**Tritanopia**  
8372688

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8176579 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 #7CC3C3 looks like.

```
.text, #text, p{  
  color:#7CC3C3  
}
```

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 #7CC3C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC3C3
}
```

## Border

The CSS property to change the border of an element to Decimal 8176579 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
#7CC3C3 }
```

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

```
.border{ border-color:#7CC3C3 }
```

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

Here you see how a box with a 4 pixel #7CC3C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC3C3; -webkit-box-shadow:4px 4px  
4px 4px #7CC3C3; box-shadow:4px 4px 4px  
4px #7CC3C3 }
```

# Background

The CSS property to change the background color of an element to Decimal 8176579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC3C3 }
```

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

```
.background{ background-color:#7CC3C3 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor