

# Converting Colors

Decimal(8176333)

Have a look what the booklet for  
Decimal(8176333) contains.

<b>Decimal(8176333)</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(8176333)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CC2CD
RGB	124, 194, 205
RGB Percent	49%, 76%, 80%
CMY	0.5137, 0.2392, 0.1961
CMYK	0.40, 0.05, 0.00, 0.20
HSL	188°, 45%, 65%
HSV	188°, 40%, 80%
XYZ	38.6234, 47.2764, 64.8472
YIQ	174.3240, -45.2510, -11.4190

# Conversions

## Conversions Part 2

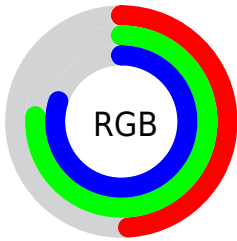
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 162, 205
Decimal	8176333
CIELab	74.37, -19.16, -12.47
CIELCh	74, 22.862, 213.044
Yxy	47.2764, 0.2562, 0.3136
Android (android.graphics.Color)	4286366413 (0xFF7CC2CD)
YUV	174.3240, 15.1233, -44.1341
Hunter-Lab	68.7579, -20.0573, -7.7873

# Details

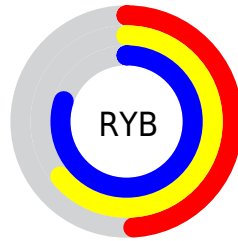
The Decimal color **8176333** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13469564**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **11860991**, and **4557975** is the 20% darker color. If you saturate the color by 10%, you get **6864845**, and if you desaturate by 10%, it is **9553357**.

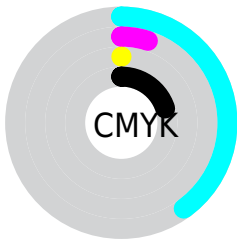
# Distribution



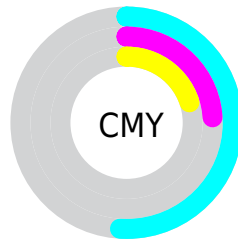
- Red (49%)
- Green (76%)
- Blue (80%)



- Red (49%)
- Yellow (64%)
- Blue (80%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



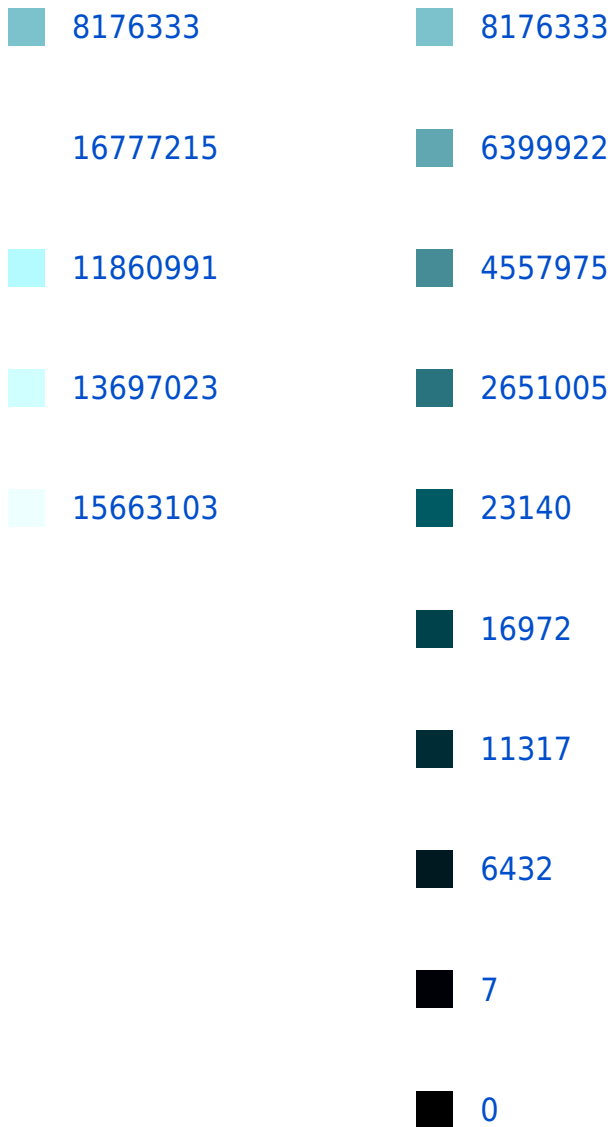
- Cyan (51%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8176333 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 8176333 by changing the saturation by 10% instead.





8176333

8176333

6864845

9553357

5487821

10864845

4111053

12241613

2799565

13553101

1422541

14930125

111053

16241613

45517

16766413

16767181

16767949

# Harmonies

## Analogous

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



8635320



8176333



8961756

# Triad

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



8176333



13937610



12957325

# Complementary

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



8176333



13469564

# 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.



14135186



8176333



14788789

# Square

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



8176333



12431834



14789281



11451795

# Rectangle

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



8176333



10009312



14789281



13415565

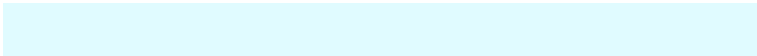


# Sweetspot

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



8176333



14744575



8179079



7241088



0



8421504



# Same Dimension

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



8176333



8908799



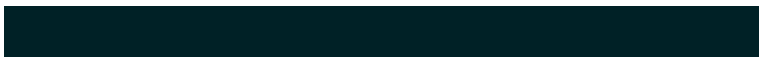
8166093



6055270



36774



8486



# Inverse Universe

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



13466818



16746479



13479804



6708325



10879119

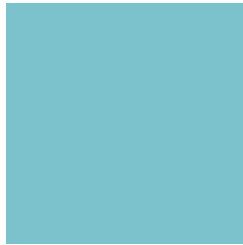


2490401



# Previews

## White Background



This preview shows how the Decimal color 8176333 looks on a white background.

## Color Contrast Check

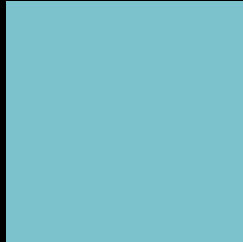
Large Text (above 18pt) WCAG AA × Fail

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 8176333 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

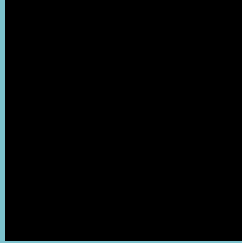
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8176333 Background



This preview shows how black text looks on a background with the Decimal color 8176333.



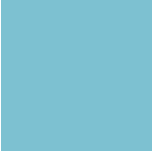
This preview shows how white text looks on a background with the Decimal color 8176333.

# 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**  
8241617

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8176333 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 #7CC2CD looks like.

```
.text, #text, p{  
    color:#7CC2CD  
}
```

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 #7CC2CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC2CD
}
```

## Border

The CSS property to change the border of an element to Decimal 8176333 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
#7CC2CD }
```

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

```
.border{ border-color:#7CC2CD }
```

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

Here you see how a box with a 4 pixel #7CC2CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC2CD; -webkit-box-shadow:4px 4px  
4px 4px #7CC2CD; box-shadow:4px 4px 4px  
4px #7CC2CD }
```

# Background

The CSS property to change the background color of an element to Decimal 8176333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC2CD }
```

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

```
.background{ background-color:#7CC2CD }
```

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