

# Converting Colors

Decimal(8176844)

Have a look what the booklet for  
Decimal(8176844) contains.

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# **Color**

**Decimal(8176844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CC4CC
RGB	124, 196, 204
RGB Percent	49%, 77%, 80%
CMY	0.5137, 0.2314, 0.2000
CMYK	0.39, 0.04, 0.00, 0.20
HSL	186°, 44%, 64%
HSV	186°, 39%, 80%
XYZ	38.9512, 48.1246, 64.3628
YIQ	175.3840, -45.4800, -12.7760

# Conversions

## Conversions Part 2

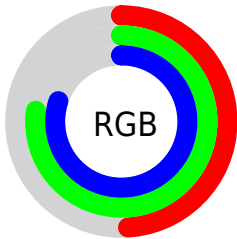
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 162, 204
Decimal	8176844
CIELab	74.90, -20.43, -11.12
CIELCh	75, 23.264, 208.554
Yxy	48.1246, 0.2572, 0.3178
Android (android.graphics.Color)	4286366924 (0xFF7CC4CC)
YUV	175.3840, 14.1077, -45.0638
Hunter-Lab	69.3719, -21.1759, -6.4486

# Details

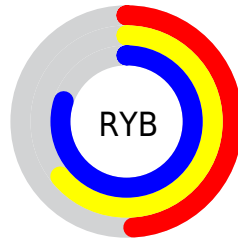
The Decimal color **8176844** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13403260**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **11861503**, and **4558486** is the 20% darker color. If you saturate the color by 10%, you get **6865612**, and if you desaturate by 10%, it is **9488076**.

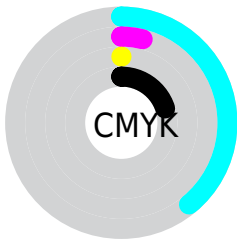
# Distribution



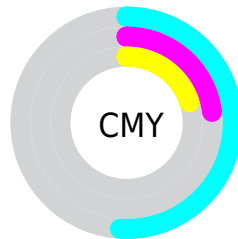
- Red (49%)
- Green (77%)
- Blue (80%)



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



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (23%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8176844 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 8176844 by changing the saturation by 10% instead.



8176844

8176844

16777215

6400433

11861503

4558486

13697023

2651260

15663103

23651

17483

11573

6687

6

0

8176844

8176844

6865612

9488076

5488844

10864844

4177612

12176076

2800844

13552844

1489612

14864076

178380

16175308

47308

16765644

16766156

16766668

# Harmonies

## Analogous

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



8766903



8176844



8765916

# Triad

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



8176844



13872591



13285262

# Complementary

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



8176844



13403260

# 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.



14397589



8176844



14854586

# Square

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



8176844



12301278



14985893



11779474

# Rectangle

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



8176844



9747938



14985893



13677711

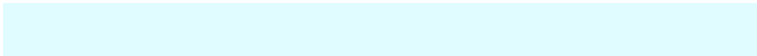


# Sweetspot

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



8176844



14744831



8178820



7241344



0



8421504

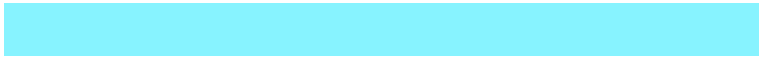


# Same Dimension

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



8176844



8909823



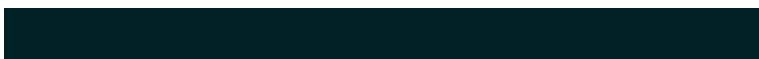
8166604



6055270



38310



8742



# Inverse Universe

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



13401284



16746483



13413500



6708325



10879125

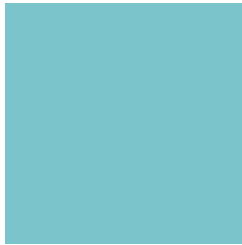


2490402



# Previews

## White Background



This preview shows how the Decimal color 8176844 looks on a white background.

## Color Contrast Check

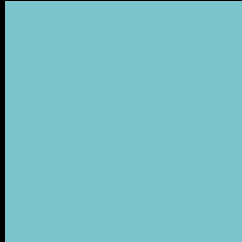
Large Text (above 18pt) WCAG AA × Fail

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 8176844 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

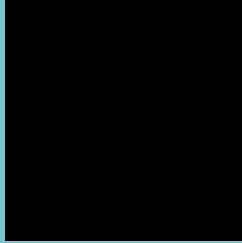
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

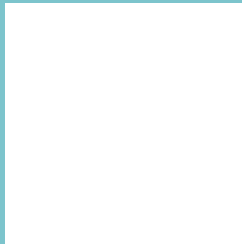
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8176844 Background



This preview shows how black text looks on a background with the Decimal color 8176844.



This preview shows how white text looks on a background with the Decimal color 8176844.

# 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**  
8307667

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8176844 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 #7CC4CC looks like.

```
.text, #text, p{  
    color:#7CC4CC  
}
```

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 #7CC4CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC4CC
}
```

## Border

The CSS property to change the border of an element to Decimal 8176844 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
#7CC4CC }
```

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

```
.border{ border-color:#7CC4CC }
```

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

Here you see how a box with a 4 pixel #7CC4CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC4CC; -webkit-box-shadow:4px 4px  
4px 4px #7CC4CC; box-shadow:4px 4px 4px  
4px #7CC4CC }
```

# Background

The CSS property to change the background color of an element to Decimal 8176844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC4CC }
```

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

```
.background{ background-color:#7CC4CC }
```

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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