

# Converting Colors

Decimal(8249051)

Have a look what the booklet for  
Decimal(8249051) contains.

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# **Color**

**Decimal(8249051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DDEDB
RGB	125, 222, 219
RGB Percent	49%, 87%, 86%
CMY	0.5098, 0.1294, 0.1412
CMYK	0.44, 0.00, 0.01, 0.13
HSL	178°, 60%, 68%
HSV	178°, 44%, 87%
XYZ	47.3649, 61.7170, 76.4340
YIQ	192.6550, -56.8490, -21.4970

# Conversions

## Conversions Part 2

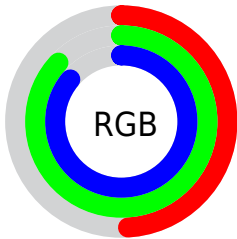
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 174, 222
Decimal	8249051
CIELab	82.76, -29.29, -7.47
CIELCh	83, 30.230, 194.302
Yxy	61.7170, 0.2553, 0.3327
Android (android.graphics.Color)	4286439131 (0xFF7DDEDB)
YUV	192.6550, 12.9881, -59.3334
Hunter-Lab	78.5602, -29.8604, -2.6933

# Details

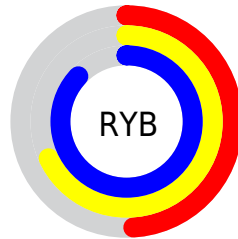
The Decimal color **8249051** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14581120**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **12058623**, and **4368292** is the 20% darker color. If you saturate the color by 10%, you get **6807258**, and if you desaturate by 10%, it is **9690844**.

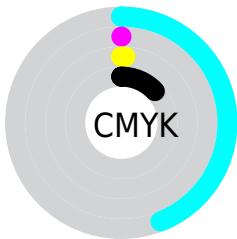
# Distribution



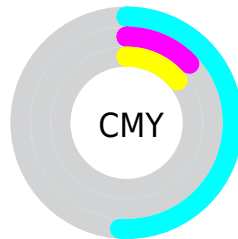
- Red (49%)
- Green (87%)
- Blue (86%)



- Red (49%)
- Yellow (68%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (51%)
- Magenta (13%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8249051 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 8249051 by changing the saturation by 10% instead.



8249051

8249051

16777215

6341311

12058623

4368292

13959167

2067594

15925247

29296

22872

16705

10795

4631

0

8249051

8249051

6807258

9690844

5365466

11132636

3858137

12639965

2416344

14081758

974552

15523550

57047

16768735

16768736

16768737

# Harmonies

## Analogous

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



9821630



8249051



8182773

# Triad

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



8249051



14926583



15779736

# Complementary

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



8249051



1458120

# 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.



16760488



8249051



16628702

# Square

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



8249051



12504319



16759489



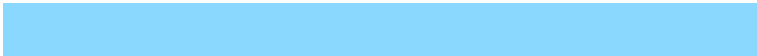
14012823

# Rectangle

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



8249051



9165055



16759489



16303260



# Sweetspot

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



8249051



14614526



8445565



7045247



0



8421504



# Same Dimension

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



8249051



8060923



8237534



6647920



45227



12335



# Inverse Universe

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



14581120



16743039



14592637



7365989



11534341

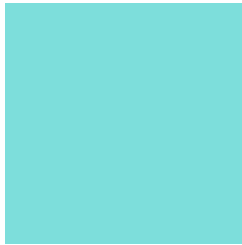


3145729



# Previews

## White Background



This preview shows how the Decimal color 8249051 looks on a white background.

## Color Contrast Check

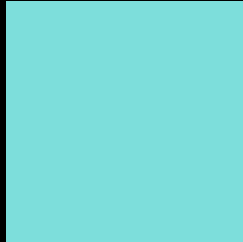
Large Text (above 18pt) WCAG AA × Fail

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 8249051 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 8249051 Background



This preview shows how black text looks on a background with the Decimal color 8249051.




This preview shows how white text looks on a background with the Decimal color 8249051.

# 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



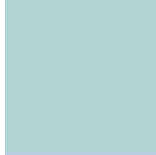


**Tritanopia**  
8575981

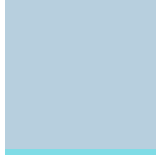
# Trichromacy



**Original Color**  
8249051



**Protanomaly**  
11654100



**Deuteranomaly**  
12046302

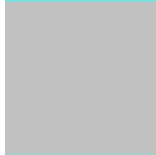


**Tritanomaly**  
8445158

# Monochromacy



**Original Color**  
8249051



**Achromatopsia**  
12698049



**Achromatomaly**  
11062474

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8249051 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 #7DDEDB looks like.

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

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 #7DDEDB colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 8249051 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
#7DDEDB }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 8249051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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