

# Converting Colors

Decimal(8502479)

Have a look what the booklet for  
Decimal(8502479) contains.

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# **Color**

**Decimal(8502479)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81BCCF
RGB	129, 188, 207
RGB Percent	51%, 74%, 81%
CMY	0.4941, 0.2627, 0.1882
CMYK	0.38, 0.09, 0.00, 0.19
HSL	195°, 45%, 66%
HSV	195°, 38%, 81%
XYZ	38.2990, 45.1386, 65.7255
YIQ	172.5250, -41.2630, -6.5990

# Conversions

## Conversions Part 2

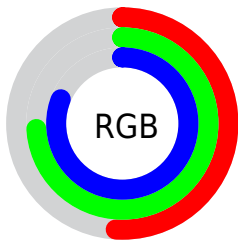
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 163, 207
Decimal	8502479
CIELab	72.98, -14.24, -15.61
CIELCh	73, 21.129, 227.620
Yxy	45.1386, 0.2568, 0.3026
Android (android.graphics.Color)	4286692559 (0xFF81BCCF)
YUV	172.5250, 16.9962, -38.1714
Hunter-Lab	67.1852, -15.8202, -10.9722

# Details

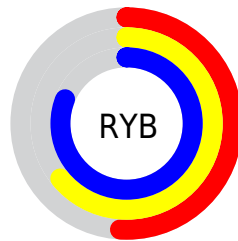
The Decimal color **8502479** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13603969**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **12121343**, and **4949913** is the 20% darker color. If you saturate the color by 10%, you get **7124943**, and if you desaturate by 10%, it is **9880015**.

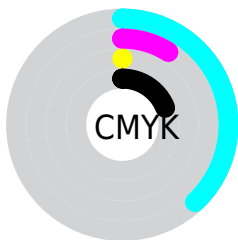
# Distribution



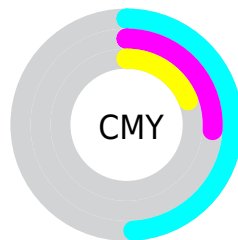
- Red (51%)
- Green (74%)
- Blue (81%)



- Red (51%)
- Yellow (64%)
- Blue (81%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (26%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8502479 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 8502479 by changing the saturation by 10% instead.



8502479

8502479

16777215

6726067

12121343

4949913

14024703

3173759

15925247

939366

15950

10295

5153

9

0

8502479

8502479

7124943

9880015

5812943

11192015

4435407

12569551

3057871

13947087

1680335

15259087

368335

16636623

40399

16768975

16770255

16771535

# Harmonies

## Analogous

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



8371902



8502479



9680856

# Triad

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



8502479



14001852



11974030

# Complementary

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



8502479



13603969

# 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.



13283214



8502479



14395048

# Square

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



8502479



12889037



14133655



10533785

# Rectangle

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



8502479



10728409



14133655



12432269



# Sweetspot

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



8502479



14940415



8507283



7306112



0



8421504

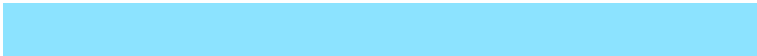


# Same Dimension

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



8502479



9233407



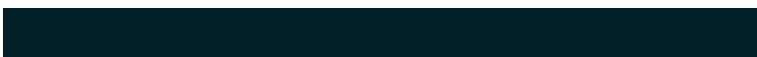
8492751



6186601



32680



7977



# Inverse Universe

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



13599164



16747747



13613697



6905446



11010175

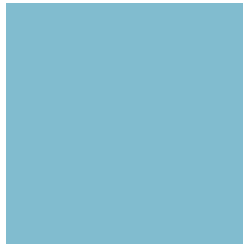


2687007



# Previews

## White Background



This preview shows how the Decimal color 8502479 looks on a white background.

## Color Contrast Check

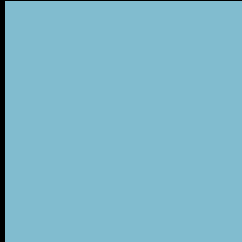
Large Text (above 18pt) WCAG AA × Fail

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 8502479 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

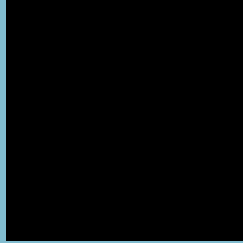
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8502479 Background



This preview shows how black text looks on a background with the Decimal color 8502479.

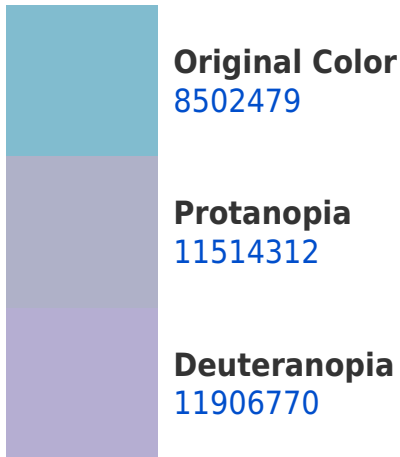


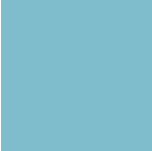
This preview shows how white text looks on a background with the Decimal color 8502479.

# 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](#).

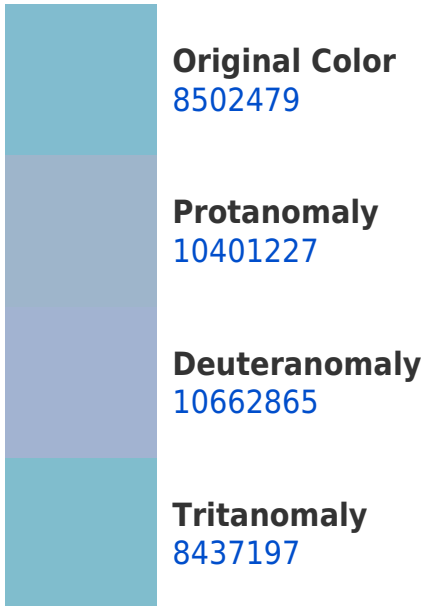
## Dichromacy



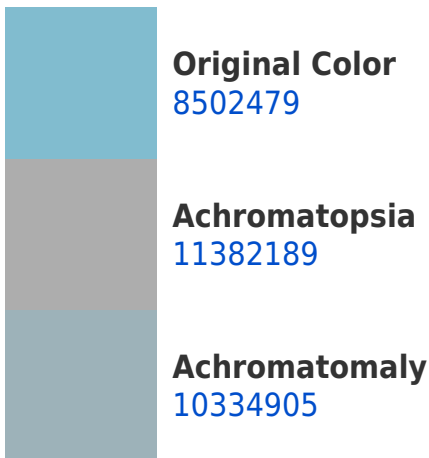


**Tritanopia**  
8437196

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8502479 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 #81BCCF looks like.

```
.text, #text, p{  
    color:#81BCCF  
}
```

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 #81BCCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BCCF
}
```

## Border

The CSS property to change the border of an element to Decimal 8502479 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
#81BCCF }
```

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

```
.border{ border-color:#81BCCF }
```

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

Here you see how a box with a 4 pixel #81BCCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BCCF; -webkit-box-shadow:4px 4px  
4px 4px #81BCCF; box-shadow:4px 4px 4px  
4px #81BCCF }
```

# Background

The CSS property to change the background color of an element to Decimal 8502479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BCCF }
```

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

```
.background{ background-color:#81BCCF }
```

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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