

Converting Colors

Decimal(7850459)

Have a look what the booklet for
Decimal(7850459) contains.

Decimal(7850459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7850459)

Conversions

Conversions Part 1

Format	Color
Hex	77C9DB
RGB	119, 201, 219
RGB Percent	47%, 79%, 86%
CMY	0.5333, 0.2118, 0.1412
CMYK	0.46, 0.08, 0.00, 0.14
HSL	191°, 58%, 66%
HSV	191°, 46%, 86%
XYZ	41.2806, 50.8097, 74.6494
YIQ	178.5340, -54.6500, -11.7860

Conversions

Conversions Part 2

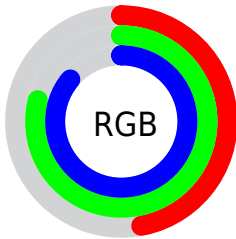
Format	Color
R _{YB}	119, 164, 219
Decimal	7850459
CIE _{Lab}	76.56, -20.33, -16.76
CIE _{LCh}	77, 26.349, 219.505
Y _{xy}	50.8097, 0.2476, 0.3047
Android (android.graphics.Color)	4286040539 (0xFF77C9DB)
YUV	178.5340, 19.9497, -52.2113
Hunter-Lab	71.2809, -21.3678, -12.1952

Details

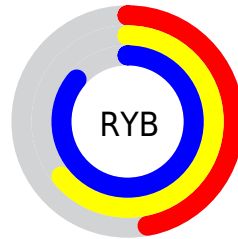
The Decimal color **7850459** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14387575**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **11599871**, and **4035492** is the 20% darker color. If you saturate the color by 10%, you get **6407643**, and if you desaturate by 10%, it is **9293275**.

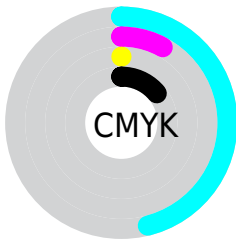
Distribution



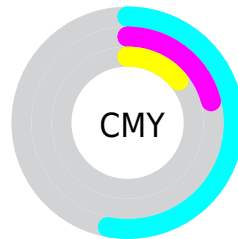
- Red (47%)
- Green (79%)
- Blue (86%)



- Red (47%)
- Yellow (64%)
- Blue (86%)



- Cyan (46%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)



- Cyan (53%)
- Magenta (21%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7850459 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 7850459 by changing the saturation by 10% instead.

7850459

7850459

16777215

5942975

11599871

4035492

13500415

1669514

15466495

24688

18520

12608

7722

278

0

■ 7850459

■ 7850459

■ 6407643

■ 9293275

■ 4964827

■ 10736091

■ 3522011

■ 12178907

■ 2079195

■ 13621723

■ 701915

■ 14999003

■ 46299

■ 16441819

■ 16770523

■ 16771547

■ 16772315

Harmonies

Analogous

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



8113092



7850459



9094378

Triad

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



7850459



14921167



13090445

Complementary

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



7850459



14387575

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.



14595728



7850459



15641526

Square

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



7850459



13350115



15511455



11322775

Rectangle

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



7850459



10469357



15511455



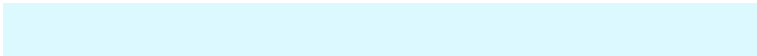
13613964

Sweetspot

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



7850459



14416383



7854984



6978688



0



8421504

Same Dimension

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



7850459



7595775



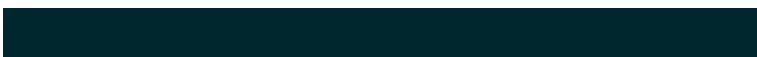
7837915



6515822



36525



9774

Inverse Universe

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



14383049



16741350



14400119



7234412



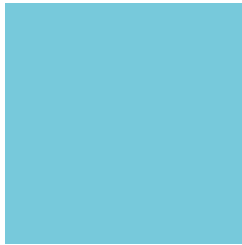
11337870



3014694

Previews

White Background



This preview shows how the Decimal color 7850459 looks on a white background.

Color Contrast Check

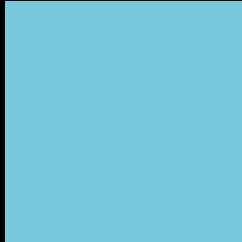
Large Text (above 18pt) WCAG AA × Fail

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 7850459 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 7850459 Background



This preview shows how black text looks on a background with the Decimal color 7850459.



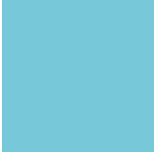
This preview shows how white text looks on a background with the Decimal color 7850459.

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](#).

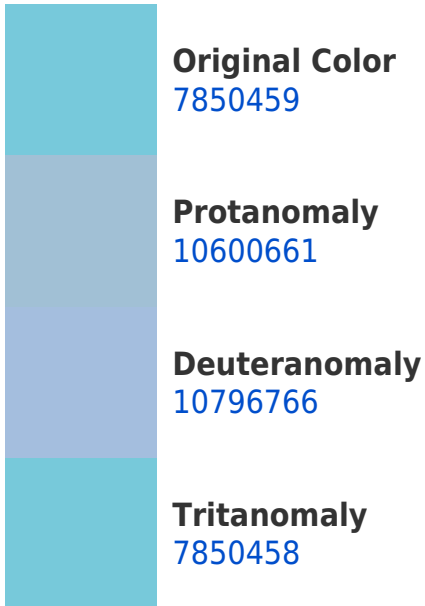
Dichromacy





Tritanopia
7850457

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7850459 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 #77C9DB looks like.

```
.text, #text, p{  
    color:#77C9DB  
}
```

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 #77C9DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C9DB
}
```

Border

The CSS property to change the border of an element to Decimal 7850459 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
#77C9DB }
```

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

```
.border{ border-color:#77C9DB }
```

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

Here you see how a box with a 4 pixel #77C9DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C9DB; -webkit-box-shadow:4px 4px  
4px 4px #77C9DB; box-shadow:4px 4px 4px  
4px #77C9DB }
```

Background

The CSS property to change the background color of an element to Decimal 7850459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C9DB }
```

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

```
.background{ background-color:#77C9DB }
```

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