

# Converting Colors

Decimal(7855326)

Have a look what the booklet for  
Decimal(7855326) contains.

|  |    |
|--|----|
| <b>Decimal(7855326)</b> .....                  | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Decimal(7855326)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 77DCDE                       |
| RGB         | 119, 220, 222                |
| RGB Percent | 47%, 86%, 87%                |
| CMY         | 0.5333, 0.1373, 0.1294       |
| CMYK        | 0.46, 0.01, 0.00, 0.13       |
| HSL         | 181°, 61%, 67%               |
| HSV         | 181°, 46%, 87%               |
| XYZ         | 46.3858, 60.3823, 78.3174    |
| YIQ         | 190.0290, -60.8380, -20.7900 |

# Conversions

## Conversions Part 2

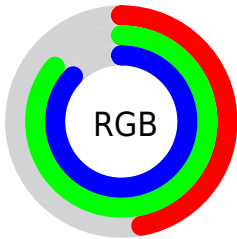
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 119, 170, 222                  |
| Decimal                             | 7855326                        |
| CIE <sub>Lab</sub>                  | 82.05, -28.95, -10.15          |
| CIE <sub>LCh</sub>                  | 82, 30.681, 199.324            |
| Y <sub>xy</sub>                     | 60.3823, 0.2506,<br>0.3262     |
| Android<br>(android.graphics.Color) | 4286045406<br>(0xFF77DCDE)     |
| YUV                                 | 190.0290, 15.7617,<br>-62.2924 |
| Hunter-Lab                          | 77.7060, -29.4319,<br>-5.3623  |

# Details

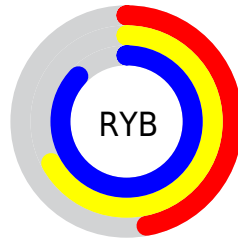
The Decimal color **7855326** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14580087**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **11665407**, and **3843495** is the 20% darker color. If you saturate the color by 10%, you get **6413534**, and if you desaturate by 10%, it is **9297118**.

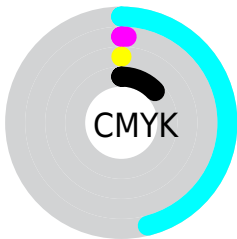
# Distribution



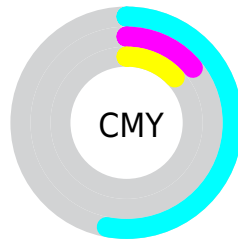
- Red (47%)
- Green (86%)
- Blue (87%)



- Red (47%)
- Yellow (67%)
- Blue (87%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



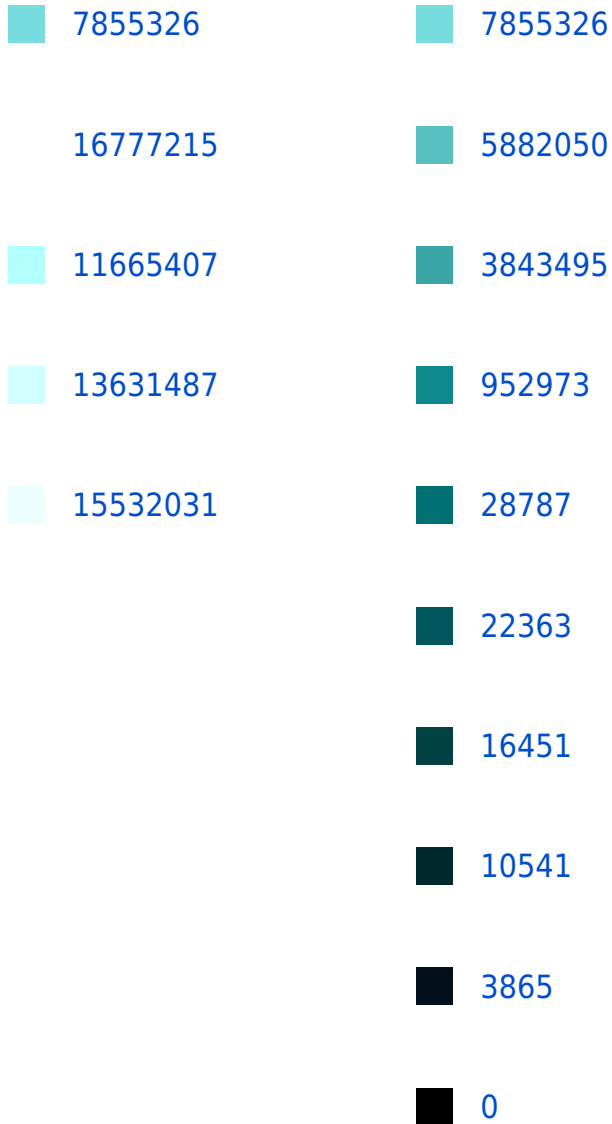
- Cyan (53%)
- Magenta (14%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7855326 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 7855326 by changing the saturation by 10% instead.





7855326

7855326

6413534

9297118

4971486

10739166

3464158

12246494

2022110

13688542

580318

15130334

56030

16572382

16768990

16769246

# Harmonies

## Analogous

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



9296832



7855326



8116727

# Triad

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



7855326



15187698



15386516

# Complementary

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



7855326



14580087

# 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.



16760226



7855326



16759000

# Square

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



7855326



12765439



16758970



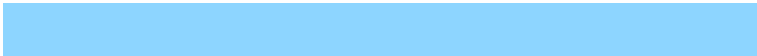
13553813

# Rectangle

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



7855326



9295359



16758970



15909783



# Sweetspot

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



7855326



14417663



7855737



6979456



0



8421504



# Same Dimension

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



7855326



7404799



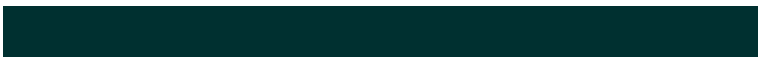
7842270



6647920



44464



12336



# Inverse Universe

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



14579676



16740604



14593143



7366000



11534509

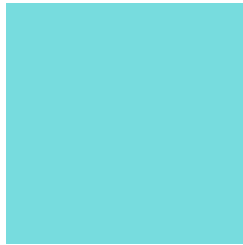


3145776



# Previews

## White Background



This preview shows how the Decimal color 7855326 looks on a white background.

## Color Contrast Check

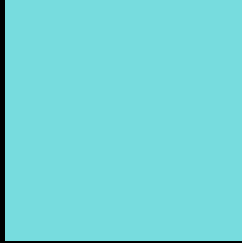
Large Text (above 18pt) WCAG AA × Fail

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 7855326 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

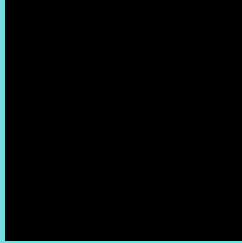
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7855326 Background



This preview shows how black text looks on a background with the Decimal color 7855326.

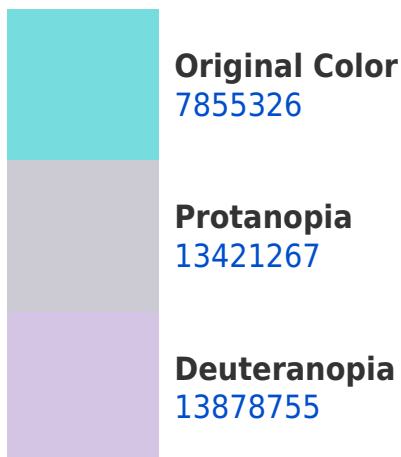



This preview shows how white text looks on a background with the Decimal color 7855326.

# 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



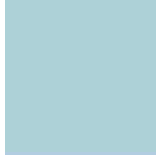


**Tritanopia**  
8116971

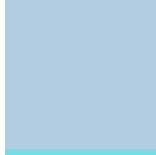
# Trichromacy



**Original Color**  
7855326



**Protanomaly**  
11391447



**Deuteranomaly**  
11718113

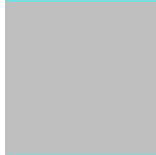


**Tritanomaly**  
8051686

# Monochromacy



**Original Color**  
7855326



**Achromatopsia**  
12500670



**Achromatomaly**  
10799562

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7855326 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 #77DCDE looks like.

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

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 #77DCDE colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 7855326 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
#77DCDE }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 7855326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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