

# Converting Colors

Decimal(7787994)

Have a look what the booklet for  
Decimal(7787994) contains.

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# **Color**

**Decimal(7787994)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76D5DA
RGB	118, 213, 218
RGB Percent	46%, 84%, 85%
CMY	0.5373, 0.1647, 0.1451
CMYK	0.46, 0.02, 0.00, 0.15
HSL	183°, 57%, 66%
HSV	183°, 46%, 85%
XYZ	43.9204, 56.5020, 74.9208
YIQ	185.1650, -58.2250, -18.5850

# Conversions

## Conversions Part 2

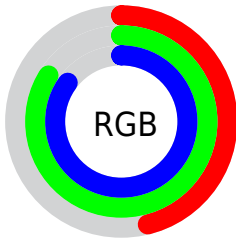
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 167, 218
Decimal	7787994
CIELab	79.90, -26.80, -11.22
CIELCh	80, 29.056, 202.726
Yxy	56.5020, 0.2505, 0.3222
Android (android.graphics.Color)	4285978074 (0xFF76D5DA)
YUV	185.1650, 16.1877, -58.9037
Hunter-Lab	75.1678, -27.2466, -6.4777

# Details

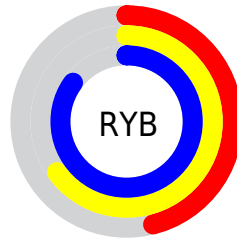
The Decimal color **7787994** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14318454**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **11599871**, and **3841699** is the 20% darker color. If you saturate the color by 10%, you get **6345946**, and if you desaturate by 10%, it is **9230042**.

# Distribution



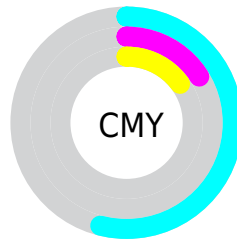
- Red (46%)
- Green (84%)
- Blue (85%)



- Red (46%)
- Yellow (65%)
- Blue (85%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (54%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7787994 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 7787994 by changing the saturation by 10% instead.



7787994

7787994

16777215

5880254

11599871

3841699

13500415

1148041

15466495

27248

21079

14912

9514

278

0

7787994

7787994

6345946

9230042

4903898

10672090

3527386

12048602

2085338

13490650

643290

14932698

53210

16375002

16768474

16768730

16768986

# Harmonies

## Analogous

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



8967614



7787994



8245744

# Triad

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



7787994



14924007



14729873

# Complementary

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



7787994



14318454

# 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.



16038300



7787994



16233422

# Square

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



7787994



12698104



16626610



12897172

# Rectangle

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



7787994



9424377



16626610



15253395



# Sweetspot

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



7787994



14417407



7789179



6979200



0



8421504



# Same Dimension

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



7787994



7600383



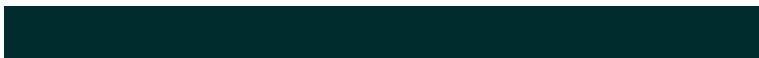
7775194



6516078



42413



11310



# Inverse Universe

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



14317269



16741368



14331254



7234413



11337893

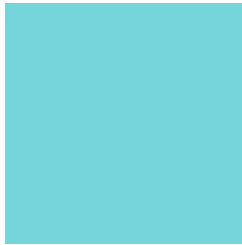


3014700



# Previews

## White Background



This preview shows how the Decimal color 7787994 looks on a white background.

## Color Contrast Check

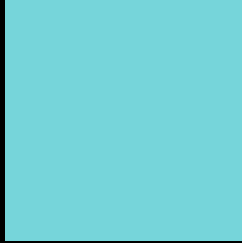
Large Text (above 18pt) WCAG AA × Fail

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 7787994 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

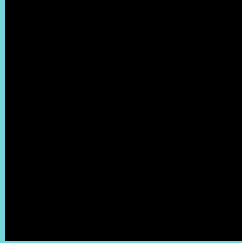
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7787994 Background



This preview shows how black text looks on a background with the Decimal color 7787994.



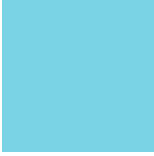
This preview shows how white text looks on a background with the Decimal color 7787994.

# 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**  
7984100

# Trichromacy



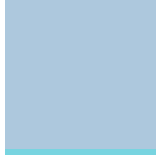
**Original Color**

7787994



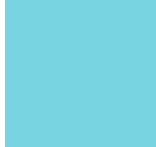
**Protanomaly**

11061971



**Deuteranomaly**

11389149



**Tritanomaly**

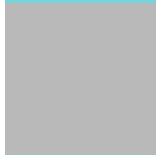
7918816

# Monochromacy



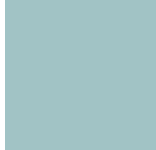
**Original Color**

7787994



**Achromatopsia**

12171705



**Achromatomaly**

10601413

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7787994 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 #76D5DA looks like.

```
.text, #text, p{  
    color:#76D5DA  
}
```

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 #76D5DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D5DA
}
```

## Border

The CSS property to change the border of an element to Decimal 7787994 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
#76D5DA }
```

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

```
.border{ border-color:#76D5DA }
```

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

Here you see how a box with a 4 pixel #76D5DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D5DA; -webkit-box-shadow:4px 4px  
4px 4px #76D5DA; box-shadow:4px 4px 4px  
4px #76D5DA }
```

# Background

The CSS property to change the background color of an element to Decimal 7787994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D5DA }
```

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

```
.background{ background-color:#76D5DA }
```

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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