

Converting Colors

Decimal(7783617)

Have a look what the booklet for
Decimal(7783617) contains.

Decimal(7783617)	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(7783617)

Conversions

Conversions Part 1

Format	Color
Hex	76C4C1
RGB	118, 196, 193
RGB Percent	46%, 77%, 76%
CMY	0.5373, 0.2314, 0.2431
CMYK	0.40, 0.00, 0.02, 0.23
HSL	178°, 40%, 62%
HSV	178°, 40%, 77%
XYZ	36.8368, 47.1817, 57.6175
YIQ	172.3360, -45.5250, -17.4690

Conversions

Conversions Part 2

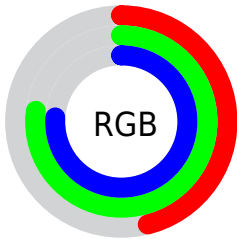
Format	Color
RYB	118, 158, 196
Decimal	7783617
CIELab	74.31, -24.70, -6.07
CIElCh	74, 25.439, 193.803
Yxy	47.1817, 0.2601, 0.3331
Android (android.graphics.Color)	4285973697 (0xFF76C4C1)
YUV	172.3360, 10.1874, -47.6527
Hunter-Lab	68.6889, -24.4789, -1.6513

Details

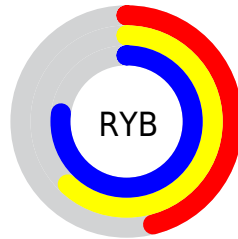
The Decimal color **7783617** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12875385**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **11468281**, and **4165260** is the 20% darker color. If you saturate the color by 10%, you get **6472896**, and if you desaturate by 10%, it is **9094338**.

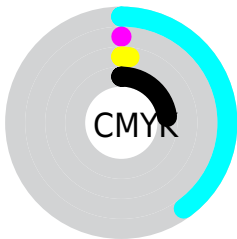
Distribution



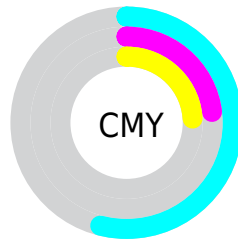
- Red (46%)
- Green (77%)
- Blue (76%)



- Red (46%)
- Yellow (62%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (54%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7783617 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 7783617 by changing the saturation by 10% instead.

■ 7783617

■ 7783617

16777215

■ 6007206

■ 11468281

■ 4165260

■ 13303807

■ 2126962

■ 15204351

■ 23386

■ 17218

■ 11564

■ 6168

■ 0

■ 7783617

■ 7783617

■ 6472896

■ 9094338

■ 5227711

■ 10339523

■ 3916991

■ 11650243

■ 2671806

■ 12895428

■ 1361085

■ 14206149

■ 50364

■ 15516870

■ 16762054

■ 16762055

■ 16762056

Harmonies

Analogous

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



9028521



7783617



7717590

Triad

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



7783617



13151705



13939082

Complementary

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



7783617



12875385

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.



14920343



7783617



14526404

Square

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



7783617



11122148



15181485



12433801

Rectangle

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



7783617



8503264



15181485



14331534

Sweetspot

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



7783617



14745598



8045686



7241855



0



8421504

Same Dimension

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



7783617



8781818



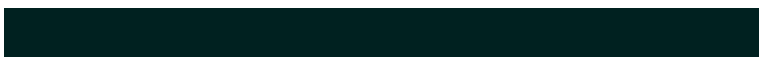
7774660



5726561



41370



8480

Inverse Universe

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



12875385



16745865



12884342



6379352



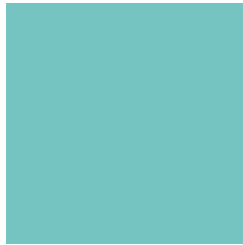
10551302



2162689

Previews

White Background



This preview shows how the Decimal color 7783617 looks on a white background.

Color Contrast Check

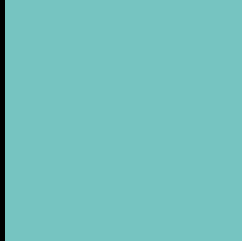
Large Text (above 18pt) WCAG AA × Fail

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 7783617 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

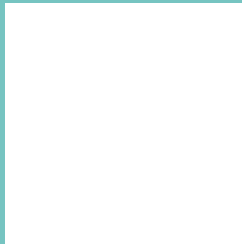
Any Text WCAG AAA ✓ Pass

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

Decimal 7783617 Background



This preview shows how black text looks on a background with the Decimal color 7783617.

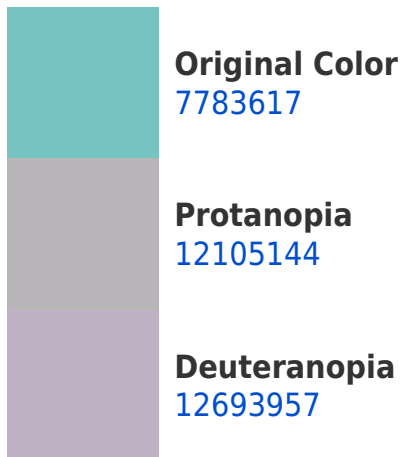


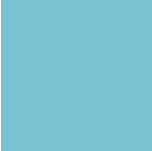
This preview shows how white text looks on a background with the Decimal color 7783617.

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
8045265

Trichromacy



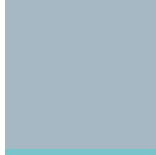
Original Color

7783617



Protanomaly

10533563



Deuteranomaly

10926276



Tritanomaly

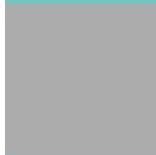
7979979

Monochromacy



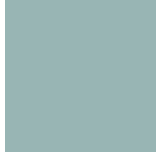
Original Color

7783617



Achromatopsia

11316396



Achromatomaly

10007988

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7783617 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 #76C4C1 looks like.

```
.text, #text, p{  
    color:#76C4C1  
}
```

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 #76C4C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C4C1
}
```

Border

The CSS property to change the border of an element to Decimal 7783617 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
#76C4C1 }
```

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

```
.border{ border-color:#76C4C1 }
```

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

Here you see how a box with a 4 pixel #76C4C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C4C1; -webkit-box-shadow:4px 4px  
4px 4px #76C4C1; box-shadow:4px 4px 4px  
4px #76C4C1 }
```

Background

The CSS property to change the background color of an element to Decimal 7783617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C4C1 }
```

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

```
.background{ background-color:#76C4C1 }
```

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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