

Converting Colors

Decimal(7787699)

Have a look what the booklet for
Decimal(7787699) contains.

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Color

Decimal(7787699)

Conversions

Conversions Part 1

Format	Color
Hex	76D4B3
RGB	118, 212, 179
RGB Percent	46%, 83%, 70%
CMY	0.5373, 0.1686, 0.2980
CMYK	0.44, 0.00, 0.16, 0.17
HSL	159°, 52%, 65%
HSV	159°, 44%, 83%
XYZ	39.1514, 54.1932, 51.0447
YIQ	180.1320, -45.4310, -30.1910

Conversions

Conversions Part 2

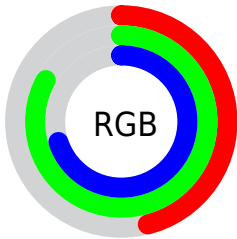
Format	Color
RYB	118, 175, 212
Decimal	7787699
CIELab	78.57, -35.62, 7.69
CIELCh	79, 36.443, 167.816
Yxy	54.1932, 0.2712, 0.3753
Android (android.graphics.Color)	4285977779 (0xFF76D4B3)
YUV	180.1320, -0.5581, -54.4898
Hunter-Lab	73.6160, -33.8960, 10.4201

Details

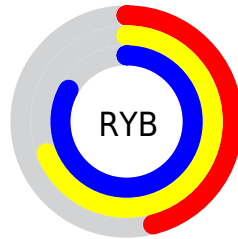
The Decimal color **7787699** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13923991**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11468779**, and **4038014** is the 20% darker color. If you saturate the color by 10%, you get **6411436**, and if you desaturate by 10%, it is **9163962**.

Distribution



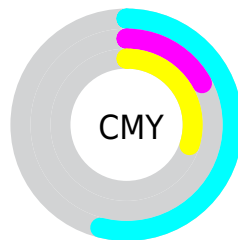
- Red (46%)
- Green (83%)
- Blue (70%)



- Red (46%)
- Yellow (69%)
- Blue (83%)



- Cyan (44%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)



- Cyan (54%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7787699 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 7787699 by changing the saturation by 10% instead.

 7787699

 7787699


16777215

 5945496

 11468779

 4038014

 13369343

 1868389

 15269887


 26957

 20535

 14369

 9227

 0

 7787699

 7787699

■ 6411436

■ 9163962

■ 5035172

■ 10540226

■ 3593373

■ 11982025

■ 2217109

■ 13358289

■ 840846

■ 14734552

■ 54410

■ 16110816

■ 16766183

■ 16766191

■ 16766198

Harmonies

Analogous

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



10473364



7787699



5494230

Triad

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



7787699



1178095



16625810

Complementary

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



7787699



13923991

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.



16755119



7787699



14726128

Square

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



7787699



8375039



16558802



15121536

Rectangle

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



7787699



5100523



16558802



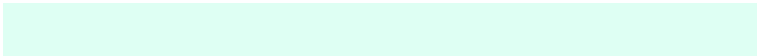
16756123

Sweetspot

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



7787699



14614515



10015862



7045240



0



8421504

Same Dimension

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



7787699



7929808



7784404



6318951



43887



11036

Inverse Universe

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



13923991



16742567



13927286



7037028



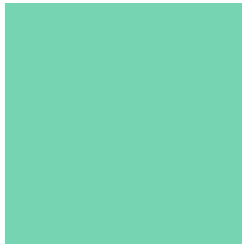
11206716



2818063

Previews

White Background



This preview shows how the Decimal color 7787699 looks on a white background.

Color Contrast Check

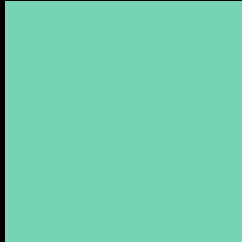
Large Text (above 18pt) WCAG AA × Fail

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 7787699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

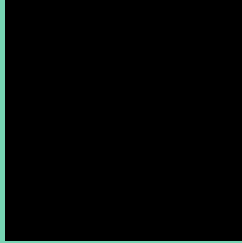
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

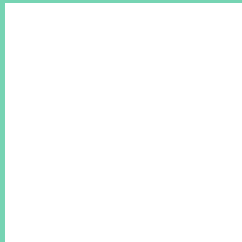
Any Text WCAG AAA ✓ Pass

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

Decimal 7787699 Background



This preview shows how black text looks on a background with the Decimal color 7787699.



This preview shows how white text looks on a background with the Decimal color 7787699.

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
8507102

Trichromacy



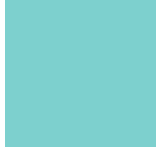
Original Color
7787699



Protanomaly
11258029



Deuteranomaly
11846838

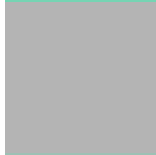


Tritanomaly
8245454

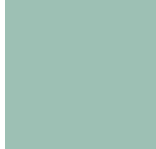
Monochromacy



Original Color
7787699



Achromatopsia
11842740



Achromatomaly
10338484

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7787699 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 #76D4B3 looks like.

```
.text, #text, p{  
    color:#76D4B3  
}
```

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 #76D4B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D4B3
}
```

Border

The CSS property to change the border of an element to Decimal 7787699 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
#76D4B3 }
```

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

```
.border{ border-color:#76D4B3 }
```

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

Here you see how a box with a 4 pixel #76D4B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D4B3; -webkit-box-shadow:4px 4px  
4px 4px #76D4B3; box-shadow:4px 4px 4px  
4px #76D4B3 }
```

Background

The CSS property to change the background color of an element to Decimal 7787699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D4B3 }
```

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

```
.background{ background-color:#76D4B3 }
```

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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