

Converting Colors

Decimal(7784885)

Have a look what the booklet for
Decimal(7784885) contains.

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Color

Decimal(7784885)

Conversions

Conversions Part 1

Format	Color
Hex	76C9B5
RGB	118, 201, 181
RGB Percent	46%, 79%, 71%
CMY	0.5373, 0.2118, 0.2902
CMYK	0.41, 0.00, 0.10, 0.21
HSL	166°, 43%, 63%
HSV	166°, 41%, 79%
XYZ	36.6983, 48.9610, 51.2323
YIQ	173.9030, -43.0480, -23.8160

Conversions

Conversions Part 2

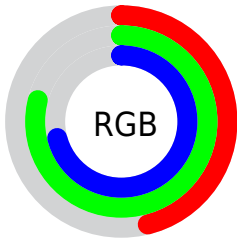
Format	Color
RYB	118, 165, 201
Decimal	7784885
CIELab	75.43, -29.99, 2.08
CIElCh	75, 30.066, 176.042
Yxy	48.9610, 0.2681, 0.3577
Android (android.graphics.Color)	4285974965 (0xFF76C9B5)
YUV	173.9030, 3.4988, -49.0269
Hunter-Lab	69.9722, -28.8333, 5.5695

Details

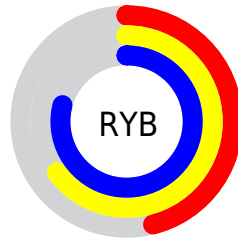
The Decimal color **7784885** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13203082**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **11468781**, and **4166528** is the 20% darker color. If you saturate the color by 10%, you get **6474160**, and if you desaturate by 10%, it is **9095610**.

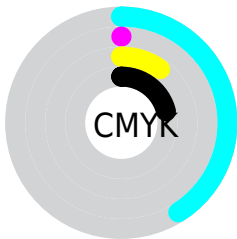
Distribution



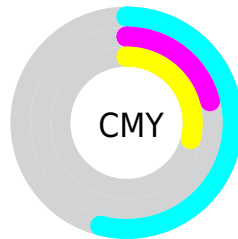
- Red (46%)
- Green (79%)
- Blue (71%)



- Red (46%)
- Yellow (65%)
- Blue (79%)



- Cyan (41%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)



- Cyan (54%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7784885 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 7784885 by changing the saturation by 10% instead.



7784885



7784885

16777215



6008218



11468781



4166528



13303807



2128231



15204351



24399



18232



12323



7181



0



7784885



7784885

■ 6474160

■ 9095610

■ 5163435

■ 10406335

■ 3852710

■ 11717060

■ 2541986

■ 13027784

■ 1231261

■ 14404045

■ 51609

■ 15714770

■ 16763351

■ 16763356

■ 16763361

Harmonies

Analogous

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



9750170



7784885



6605265

Triad

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



7784885



12170475



15183501

Complementary

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



7784885



13203082

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.



15837091



7784885



14330841

Square

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



7784885



9551601



15574719



13744003

Rectangle

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



7784885



6866913



15574719



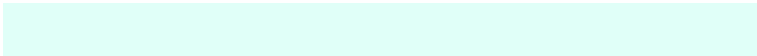
15510419

Sweetspot

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



7784885



14745592



9161078



7241851



0



8421504

Same Dimension

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



7784885



8454112



7779529



5923681



41852



9243

Inverse Universe

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



13203082



16744606



13208438



6511196



10682407



2359305

Previews

White Background



This preview shows how the Decimal color 7784885 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 7784885 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 7784885 Background



This preview shows how black text looks on a background with the Decimal color 7784885.



This preview shows how white text looks on a background with the Decimal color 7784885.

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](#).

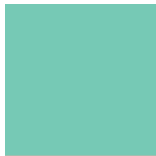
Dichromacy





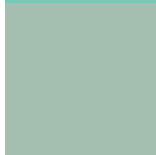
Tritanopia
8307924

Trichromacy



Original Color

7784885



Protanomaly

10796719



Deuteranomaly

11254712



Tritanomaly

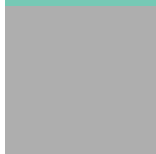
8111817

Monochromacy



Original Color

7784885



Achromatopsia

11447982



Achromatomaly

10139825

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7784885 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 #76C9B5 looks like.

```
.text, #text, p{  
    color:#76C9B5  
}
```

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 #76C9B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C9B5
}
```

Border

The CSS property to change the border of an element to Decimal 7784885 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
#76C9B5 }
```

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

```
.border{ border-color:#76C9B5 }
```

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

Here you see how a box with a 4 pixel #76C9B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C9B5; -webkit-box-shadow:4px 4px  
4px 4px #76C9B5; box-shadow:4px 4px 4px  
4px #76C9B5 }
```

Background

The CSS property to change the background color of an element to Decimal 7784885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C9B5 }
```

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

```
.background{ background-color:#76C9B5 }
```

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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