

Converting Colors

Decimal(7788480)

Have a look what the booklet for
Decimal(7788480) contains.

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Color

Decimal(7788480)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76D7C0 |
| RGB | 118, 215, 192 |
| RGB Percent | 46%, 84%, 75% |
| CMY | 0.5373, 0.1569, 0.2471 |
| CMYK | 0.45, 0.00, 0.11, 0.16 |
| HSL | 166°, 55%, 65% |
| HSV | 166°, 45%, 84% |
| XYZ | 41.2861, 56.2582, 58.5521 |
| YIQ | 183.3750, -50.4290, -27.7170 |

Conversions

Conversions Part 2

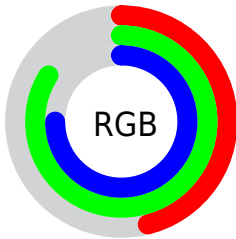
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 118, 173, 215 |
| Decimal | 7788480 |
| CIELab | 79.76, -34.09, 2.47 |
| CIELCh | 80, 34.182, 175.864 |
| Yxy | 56.2582, 0.2645, 0.3604 |
| Android (android.graphics.Color) | 4285978560 (0xFF76D7C0) |
| YUV | 183.3750, 4.2521, -57.3339 |
| Hunter-Lab | 75.0055, -33.0059, 6.2198 |

Details

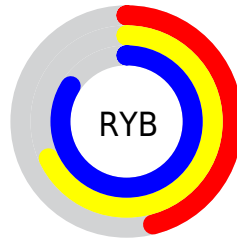
The Decimal color **7788480** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14120589**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **11534328**, and **3973259** is the 20% darker color. If you saturate the color by 10%, you get **6412219**, and if you desaturate by 10%, it is **9230277**.

Distribution



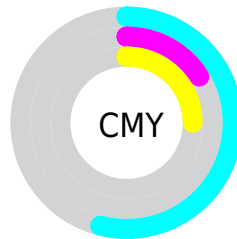
- Red (46%)
- Green (84%)
- Blue (75%)



- Red (46%)
- Yellow (68%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7788480 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 7788480 by changing the saturation by 10% instead.

 7788480

 7788480

16777215

 5946277

 11534328

 3973259

 13434879

 1607025

 15335423

 27481

 21313

 15147

 9751

 0

 7788480

 7788480

6412219

9230277

4970422

10606538

3528625

12048335

2152364

13424596

776103

14866393

55204

16242655

16766948

16766953

16766958

Harmonies

Analogous

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



10146721



7788480



6215648

Triad

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



7788480



12894207



16365458

Complementary

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



7788480



14120589

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.



16756907



7788480



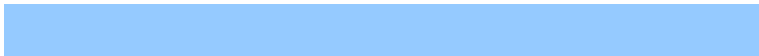
15381738

Square

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



7788480



9816831



16756427



14729862

Rectangle

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



7788480



6477042



16756427



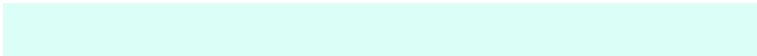
16757913

Sweetspot

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



7788480



14417911



9361270



6979706



0



8421504

Same Dimension

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



7788480



7733214



7782359



6318953



43906



11041

Inverse Universe

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



14120589



16741782



14126710



7037027



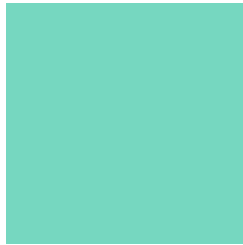
11206697



2818058

Previews

White Background



This preview shows how the Decimal color 7788480 looks on a white background.

Color Contrast Check

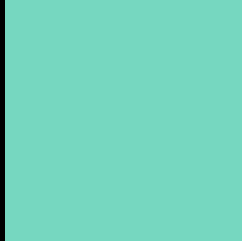
Large Text (above 18pt) WCAG AA × Fail

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 7788480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

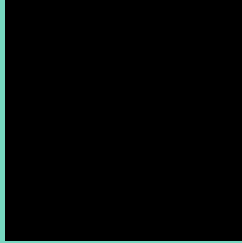
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

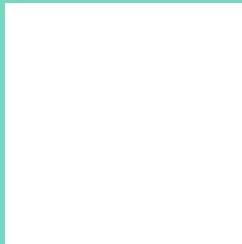
Any Text WCAG AAA ✓ Pass

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

Decimal 7788480 Background



This preview shows how black text looks on a background with the Decimal color 7788480.



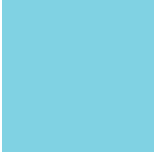
This preview shows how white text looks on a background with the Decimal color 7788480.

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





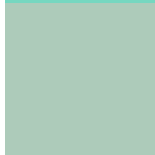
Tritanopia
8442595

Trichromacy



Original Color

7788480



Protanomaly

11389882



Deuteranomaly

11847619



Tritanomaly

8180950

Monochromacy



Original Color

7788480



Achromatopsia

12040119



Achromatomaly

10470330

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7788480 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 #76D7C0 looks like.

```
.text, #text, p{  
    color:#76D7C0  
}
```

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 #76D7C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D7C0
}
```

Border

The CSS property to change the border of an element to Decimal 7788480 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
#76D7C0 }
```

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

```
.border{ border-color:#76D7C0 }
```

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

Here you see how a box with a 4 pixel #76D7C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D7C0; -webkit-box-shadow:4px 4px  
4px 4px #76D7C0; box-shadow:4px 4px 4px  
4px #76D7C0 }
```

Background

The CSS property to change the background color of an element to Decimal 7788480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D7C0 }
```

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

```
.background{ background-color:#76D7C0 }
```

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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