

Converting Colors

Decimal(7780806)

Have a look what the booklet for
Decimal(7780806) contains.

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Color

Decimal(7780806)

Conversions

Conversions Part 1

Format	Color
Hex	76B9C6
RGB	118, 185, 198
RGB Percent	46%, 73%, 78%
CMY	0.5373, 0.2745, 0.2235
CMYK	0.40, 0.07, 0.00, 0.22
HSL	190°, 41%, 62%
HSV	190°, 40%, 78%
XYZ	35.0132, 42.6267, 59.8085
YIQ	166.4490, -44.1050, -10.1610

Conversions

Conversions Part 2

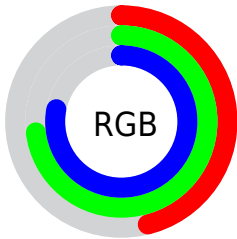
Format	Color
R_{YB}	118, 154, 198
Decimal	7780806
CIE _{Lab}	71.30, -17.87, -13.28
CIE _{LCh}	71, 22.261, 216.608
Yxy	42.6267, 0.2547, 0.3101
Android (android.graphics.Color)	4285970886 (0xFF76B9C6)
YUV	166.4490, 15.5546, -42.4898
Hunter-Lab	65.2891, -18.5301, -8.6106

Details

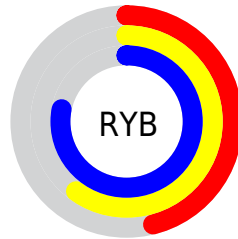
The Decimal color **7780806** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13009782**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11399679**, and **4162704** is the 20% darker color. If you saturate the color by 10%, you get **6469318**, and if you desaturate by 10%, it is **9092294**.

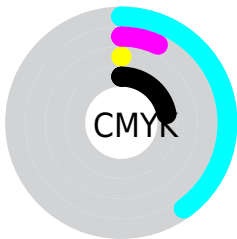
Distribution



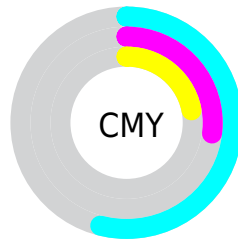
- Red (46%)
- Green (73%)
- Blue (78%)



- Red (46%)
- Yellow (60%)
- Blue (78%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7780806 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 7780806 by changing the saturation by 10% instead.

■ 7780806

■ 7780806

16777215

■ 6004395

■ 11399679

■ 4162704

■ 13303807

■ 2189943

■ 15204351

■ 21086

■ 15174

■ 9520

■ 2587

■ 0

■ 7780806

■ 7780806

■ 6469318

■ 9092294

■ 5157830

■ 10403782

■ 3911622

■ 11649990

■ 2600134

■ 12961478

■ 1288646

■ 14272966

■ 42694

■ 15584454

■ 16765126

■ 16765894

■ 16766662

Harmonies

Analogous

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



8043186



7780806



8631763

Triad

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



7780806



13476543



12169094

Complementary

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



7780806



13009782

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.



13412490



7780806



14196907

Square

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



7780806



12101839



14131863



10728846

Rectangle

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



7780806



9744855



14131863



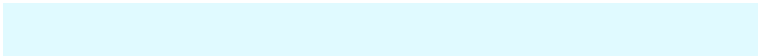
12627078

Sweetspot

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



7780806



14744319



7784066



7241088



0



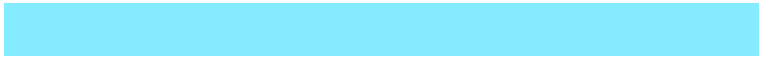
8421504

Same Dimension

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



7780806



8776703



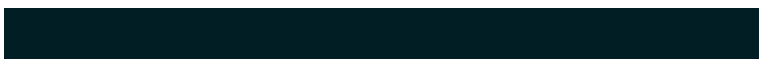
7770822



5923427



35235



7716

Inverse Universe

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



13006521



16745963



13019766



6511202



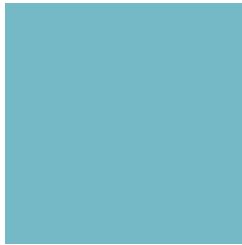
10682505



2359326

Previews

White Background



This preview shows how the Decimal color 7780806 looks on a white background.

Color Contrast Check

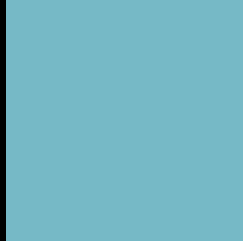
Large Text (above 18pt) WCAG AA × Fail

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 7780806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

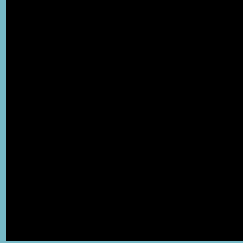
Any Text WCAG AA ✓ Pass

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 7780806 Background



This preview shows how black text looks on a background with the Decimal color 7780806.

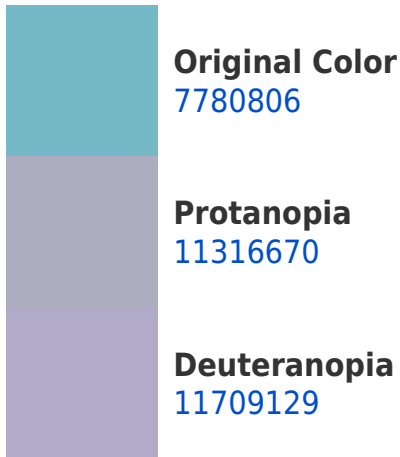


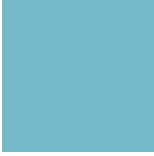
This preview shows how white text looks on a background with the Decimal color 7780806.

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](#).

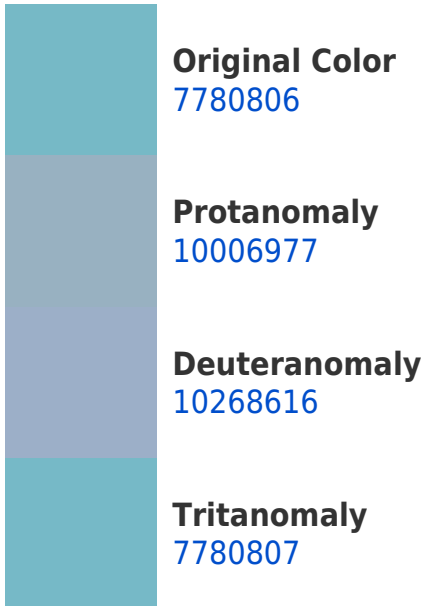
Dichromacy





Tritanopia
7780808

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7780806 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 #76B9C6 looks like.

```
.text, #text, p{  
    color:#76B9C6  
}
```

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 #76B9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B9C6
}
```

Border

The CSS property to change the border of an element to Decimal 7780806 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
#76B9C6 }
```

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

```
.border{ border-color:#76B9C6 }
```

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

Here you see how a box with a 4 pixel #76B9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B9C6; -webkit-box-shadow:4px 4px  
4px 4px #76B9C6; box-shadow:4px 4px 4px  
4px #76B9C6 }
```

Background

The CSS property to change the background color of an element to Decimal 7780806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B9C6 }
```

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

```
.background{ background-color:#76B9C6 }
```

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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