

Converting Colors

Decimal(7780015)

Have a look what the booklet for
Decimal(7780015) contains.

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Color

Decimal(7780015)

Conversions

Conversions Part 1

Format	Color
Hex	76B6AF
RGB	118, 182, 175
RGB Percent	46%, 71%, 69%
CMY	0.5373, 0.2863, 0.3137
CMYK	0.35, 0.00, 0.04, 0.29
HSL	173°, 30%, 59%
HSV	173°, 35%, 71%
XYZ	31.9370, 40.4026, 46.6727
YIQ	162.0660, -35.8970, -15.7450

Conversions

Conversions Part 2

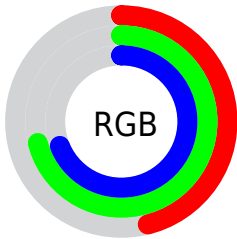
Format	Color
RYB	118, 152, 182
Decimal	7780015
CIELab	69.76, -22.03, -2.94
CIELCh	70, 22.224, 187.614
Yxy	40.4026, 0.2684, 0.3395
Android (android.graphics.Color)	4285970095 (0xFF76B6AF)
YUV	162.0660, 6.3765, -38.6459
Hunter-Lab	63.5630, -21.5486, 0.9590

Details

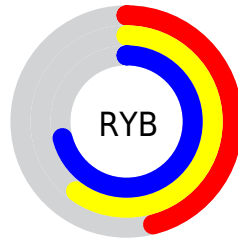
The Decimal color **7780015** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **11957885**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **11398886**, and **4292987** is the 20% darker color. If you saturate the color by 10%, you get **6600365**, and if you desaturate by 10%, it is **8959665**.

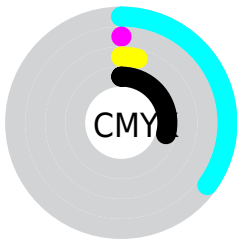
Distribution



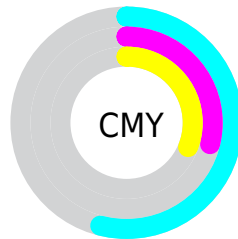
- Red (46%)
- Green (71%)
- Blue (69%)



- Red (46%)
- Yellow (60%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)




- Cyan (54%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7780015 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 7780015 by changing the saturation by 10% instead.

 7780015

 7780015

16777215

 6069140

 11398886

 4292987

 13238271

 2517090

 15073279

 216906

 14388

 8734

 6

 0

 7780015

 7780015

■ 6600365

■ 8959665

■ 5420715

■ 10139315

■ 4175529

■ 11384501

■ 2995879

■ 12564151

■ 1816229

■ 13743801

■ 636579

■ 14923451

■ 46754

■ 16103101

■ 16758463

■ 16758465

Harmonies

Analogous

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



8893850



7780015



7517634

Triad

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



7780015



11838666



13083782

Complementary

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



7780015



11957885

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.



13803155



7780015



13213370

Square

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



7780015



10070738



13868198



11840386

Rectangle

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



7780015



8041164



13868198



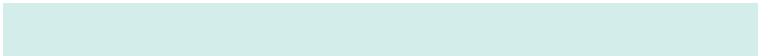
13410953

Sweetspot

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



7780015



13889002



8238710



6846582



16250871



7895160

Same Dimension

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



7780015



9104866



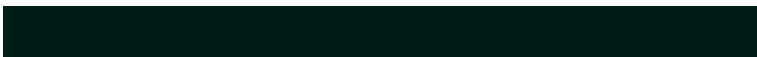
7773622



5463131



40075



7193

Inverse Universe

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



11957885



15567508



11964278



6050644



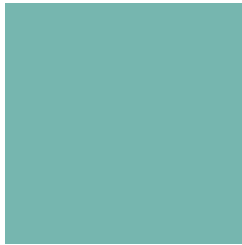
10223633



1835011

Previews

White Background



This preview shows how the Decimal color 7780015 looks on a white background.

Color Contrast Check

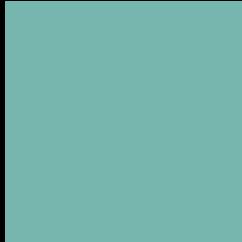
Large Text (above 18pt) WCAG AA × Fail

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 7780015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

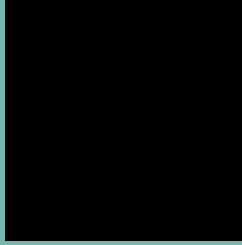
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

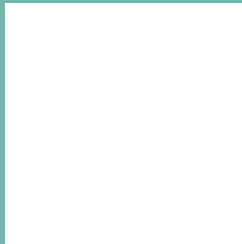
Any Text WCAG AAA ✓ Pass

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

Decimal 7780015 Background



This preview shows how black text looks on a background with the Decimal color 7780015.



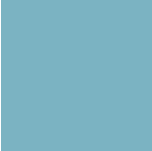
This preview shows how white text looks on a background with the Decimal color 7780015.

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



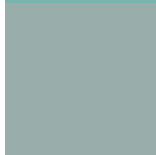


Tritanopia
8106946

Trichromacy



Original Color
7780015



Protanomaly
10071722



Deuteranomaly
10464178

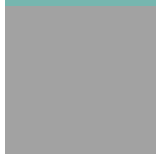


Tritanomaly
7976123

Monochromacy



Original Color
7780015



Achromatopsia
10658466



Achromatomaly
9611687

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7780015 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 #76B6AF looks like.

```
.text, #text, p{  
    color:#76B6AF  
}
```

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 #76B6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B6AF
}
```

Border

The CSS property to change the border of an element to Decimal 7780015 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
#76B6AF }
```

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

```
.border{ border-color:#76B6AF }
```

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

Here you see how a box with a 4 pixel #76B6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B6AF; -webkit-box-shadow:4px 4px  
4px 4px #76B6AF; box-shadow:4px 4px 4px  
4px #76B6AF }
```

Background

The CSS property to change the background color of an element to Decimal 7780015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B6AF }
```

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

```
.background{ background-color:#76B6AF }
```

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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