

# Converting Colors

Decimal(7780786)

Have a look what the booklet for  
Decimal(7780786) contains.

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**Color**

**Decimal(7780786)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76B9B2
RGB	118, 185, 178
RGB Percent	46%, 73%, 70%
CMY	0.5373, 0.2745, 0.3020
CMYK	0.36, 0.00, 0.04, 0.27
HSL	174°, 32%, 59%
HSV	174°, 36%, 73%
XYZ	32.8561, 41.7638, 48.4490
YIQ	164.1690, -37.6850, -16.3810

# Conversions

## Conversions Part 2

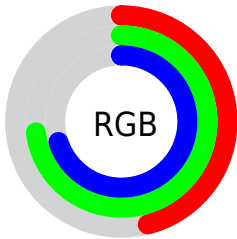
<b>Format</b>	<b>Color</b>
<b>RYB</b>	118, 153, 185
Decimal	7780786
CIELab	70.71, -22.83, -3.19
CIElCh	71, 23.053, 187.959
Yxy	41.7638, 0.2670, 0.3394
Android (android.graphics.Color)	4285970866 (0xFF76B9B2)
YUV	164.1690, 6.8187, -40.4902
Hunter-Lab	64.6249, -22.3422, 0.7880

# Details

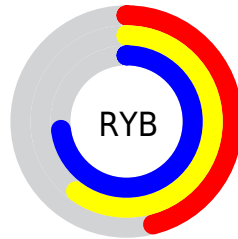
The Decimal color **7780786** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12154493**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **11399658**, and **4293757** is the 20% darker color. If you saturate the color by 10%, you get **6601136**, and if you desaturate by 10%, it is **9025972**.

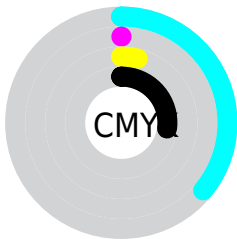
# Distribution



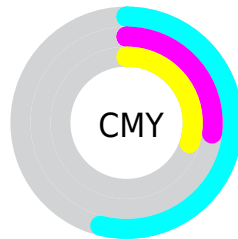
- Red (46%)
- Green (73%)
- Blue (70%)



- Red (46%)
- Yellow (60%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7780786 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 7780786 by changing the saturation by 10% instead.



 7780786

 7780786

16777215


 6004375

 11399658

 4293757

 13238271

 2452069

 15138815

 21069

 14902

 9249

 1290

 0

 7780786

 7780786

■ 6601136

■ 9025972

■ 5355950

■ 10205622

■ 4176300

■ 11450808

■ 2931114

■ 12630458

■ 1751464

■ 13875644

■ 506278

■ 15055294

■ 47526

■ 16300480

■ 16759233

■ 16759235

# Harmonies

## Analogous

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



8960157



7780786



7518406

# Triad

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



7780786



12101326



13280903

# Complementary

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



7780786



12154493

# 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.



14065812



7780786



13476029

# Square

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



7780786



10268118



14130856



12037507

# Rectangle

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



7780786



8041936



14130856



13608074



# Sweetspot

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



7780786



14020845



8305014



6846582



16250871



7895160



# Same Dimension

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



7780786



9040101



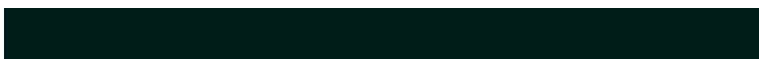
7774137



5463131



40075



7193



# Inverse Universe

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



12154493



15763859



12161142



6050644



10223632

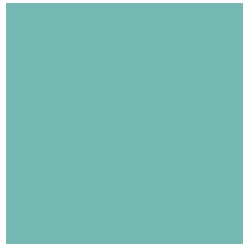


1835011



# Previews

## White Background



This preview shows how the Decimal color 7780786 looks on a white background.

## Color Contrast Check

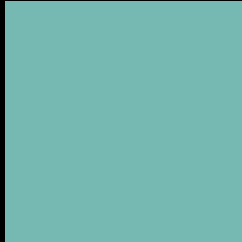
Large Text (above 18pt) WCAG AA × Fail

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 7780786 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

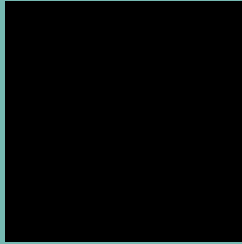
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7780786 Background



This preview shows how black text looks on a background with the Decimal color 7780786.



This preview shows how white text looks on a background with the Decimal color 7780786.

# 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





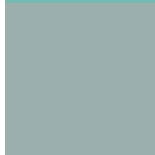
**Tritanopia**  
8107717

# Trichromacy



**Original Color**

7780786



**Protanomaly**

10203309



**Deuteranomaly**

10596021



**Tritanomaly**

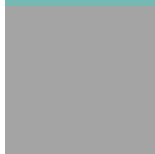
7976894

# Monochromacy



**Original Color**

7780786



**Achromatopsia**

10790052



**Achromatomaly**

9677993

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7780786 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 #76B9B2 looks like.

```
.text, #text, p{  
    color:#76B9B2  
}
```

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 #76B9B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B9B2
}
```

## Border

The CSS property to change the border of an element to Decimal 7780786 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
#76B9B2 }
```

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

```
.border{ border-color:#76B9B2 }
```

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

Here you see how a box with a 4 pixel #76B9B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B9B2; -webkit-box-shadow:4px 4px  
4px 4px #76B9B2; box-shadow:4px 4px 4px  
4px #76B9B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7780786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B9B2 }
```

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

```
.background{ background-color:#76B9B2 }
```

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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