

Converting Colors

Decimal(7778470)

Have a look what the booklet for
Decimal(7778470) contains.

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Color

Decimal(7778470)

Conversions

Conversions Part 1

Format	Color
Hex	76B0A6
RGB	118, 176, 166
RGB Percent	46%, 69%, 65%
CMY	0.5373, 0.3098, 0.3490
CMYK	0.33, 0.00, 0.06, 0.31
HSL	170°, 27%, 58%
HSV	170°, 33%, 69%
XYZ	29.8795, 37.6554, 41.7698
YIQ	157.5180, -31.3580, -15.4060

Conversions

Conversions Part 2

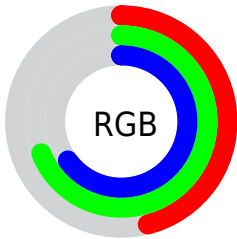
Format	Color
RYB	118, 150, 176
Decimal	7778470
CIELab	67.77, -21.08, -0.90
CIELCh	68, 21.103, 182.439
Yxy	37.6554, 0.2734, 0.3445
Android (android.graphics.Color)	4285968550 (0xFF76B0A6)
YUV	157.5180, 4.1816, -34.6573
Hunter-Lab	61.3640, -20.4714, 2.5967

Details

The Decimal color **7778470** is a light color, and the websafe version is hex **669999**. A complement of this color would be **11564672**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **11331805**, and **4356978** is the 20% darker color. If you saturate the color by 10%, you get **6598819**, and if you desaturate by 10%, it is **8958121**.

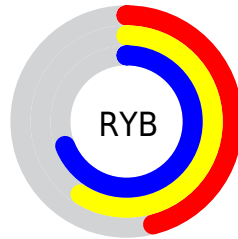
Distribution



Red (46%)

Green (69%)

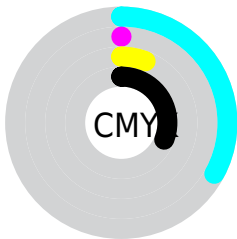
Blue (65%)



Red (46%)

Yellow (59%)

Blue (69%)

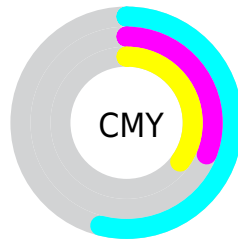


Cyan (33%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7778470 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 7778470 by changing the saturation by 10% instead.



7778470



7778470

16777215



6067596



11331805



4356978



13172730



2646618



15073279



674370



13100



7960



0



7778470



7778470



6598819



8958121

■ 5484704

■ 10072236

■ 4305053

■ 11251887

■ 3190938

■ 12366002

■ 2011287

■ 13545653

■ 831636

■ 14725304

■ 45202

■ 15839419

■ 16756926

■ 16756929

Harmonies

Analogous

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



8892051



7778470



7385017

Triad

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



7778470



11182277



12820100

Complementary

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



7778470



11564672

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.



13408658



7778470



12556983

Square

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



7778470



9545419



13342884



11707519

Rectangle

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



7778470



7712195



13342884



13081736

Sweetspot

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



7778470



13625058



8499318



6648688



15921906



7566195

Same Dimension

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



7778470



9103062



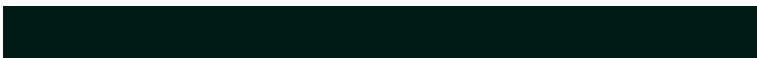
7773872



5265752



39295



6677

Inverse Universe

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



11564672



15108762



11569270



5853266



10027034



1703940

Previews

White Background



This preview shows how the Decimal color 7778470 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 7778470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

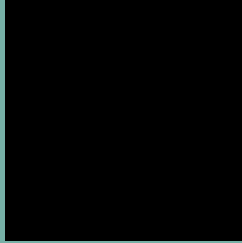
Any Text WCAG AA ✓ Pass

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 7778470 Background



This preview shows how black text looks on a background with the Decimal color 7778470.

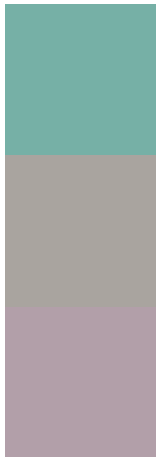


This preview shows how white text looks on a background with the Decimal color 7778470.

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



Original Color
7778470

Protanopia
11117727

Deuteranopia
11706281



Tritanopia
8105403

Trichromacy



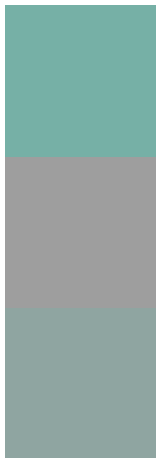
Original Color
7778470

Protanomaly
9873570

Deuteranomaly
10266024

Tritanomaly
7974579

Monochromacy



Original Color
7778470

Achromatopsia
10395294

Achromatomaly
9414049

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7778470 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 #76B0A6 looks like.

```
.text, #text, p{  
  color:#76B0A6  
}
```

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 #76B0A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B0A6
}
```

Border

The CSS property to change the border of an element to Decimal 7778470 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
#76B0A6 }
```

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

```
.border{ border-color:#76B0A6 }
```

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

Here you see how a box with a 4 pixel #76B0A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B0A6; -webkit-box-shadow:4px 4px  
4px 4px #76B0A6; box-shadow:4px 4px 4px  
4px #76B0A6 }
```

Background

The CSS property to change the background color of an element to Decimal 7778470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B0A6 }
```

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

```
.background{ background-color:#76B0A6 }
```

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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