

Converting Colors

Decimal(7776942)

Have a look what the booklet for
Decimal(7776942) contains.

Decimal(7776942)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7776942)

Conversions

Conversions Part 1

Format	Color
Hex	76AAAE
RGB	118, 170, 174
RGB Percent	46%, 67%, 68%
CMY	0.5373, 0.3333, 0.3176
CMYK	0.32, 0.02, 0.00, 0.32
HSL	184°, 26%, 57%
HSV	184°, 32%, 68%
XYZ	29.4859, 35.6570, 45.3728
YIQ	154.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

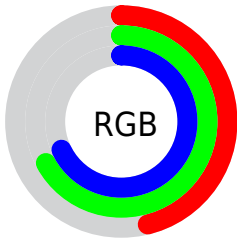
Format	Color
RYB	118, 145, 174
Decimal	7776942
CIELab	66.26, -16.08, -7.56
CIElCh	66, 17.769, 205.190
Yxy	35.6570, 0.2668, 0.3226
Android (android.graphics.Color)	4285967022 (0xFF76AAAE)
YUV	154.9080, 9.4124, -32.3683
Hunter-Lab	59.7135, -16.3571, -3.2516

Details

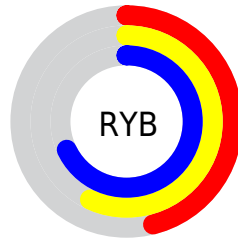
The Decimal color **7776942** is a light color, and the websafe version is hex **669999**. A complement of this color would be **11434614**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **11330021**, and **4355706** is the 20% darker color. If you saturate the color by 10%, you get **6662574**, and if you desaturate by 10%, it is **8891310**.

Distribution



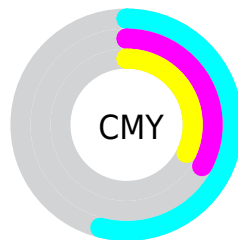
- Red (46%)
- Green (67%)
- Blue (68%)



- Red (46%)
- Yellow (57%)
- Blue (68%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (32%)



- Cyan (54%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7776942 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 7776942 by changing the saturation by 10% instead.



7776942



7776942

16777215



6066067



11330021



4355706



13172479



2710881



15073279



738633



12083



6942



3



0



7776942



7776942

6662574

8891310

5482670

10071214

4368046

11185838

3188142

12365742

2073774

13480110

959406

14594478

41646

15774638

16757934

16758190

Harmonies

Analogous

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



8235678



7776942



8104123

Triad

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



7776942



11770291



11575170

Complementary

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



7776942



11434614

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.



12425863



7776942



12555940

Square

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



7776942



10591934



12752788



10462340

Rectangle

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



7776942



8758719



12752788



11902339

Sweetspot

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



7776942



13427171



7777914



6648435



15921906



7566195

Same Dimension

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



7776942



9100771



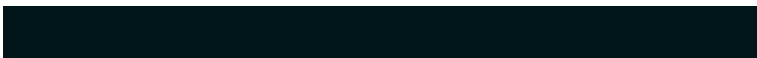
7769774



5133911



35990



5399

Inverse Universe

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



11433642



14912221



11441782



5721686



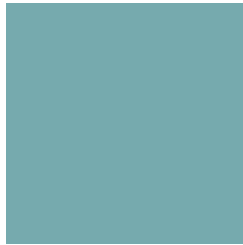
9830540



1507349

Previews

White Background



This preview shows how the Decimal color 7776942 looks on a white background.

Color Contrast Check

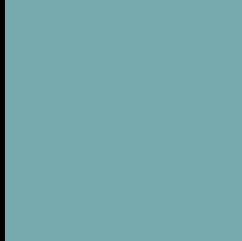
Large Text (above 18pt) WCAG AA × Fail

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 7776942 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

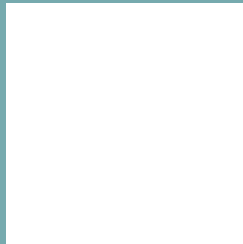
Any Text WCAG AAA ✓ Pass

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

Decimal 7776942 Background



This preview shows how black text looks on a background with the Decimal color 7776942.

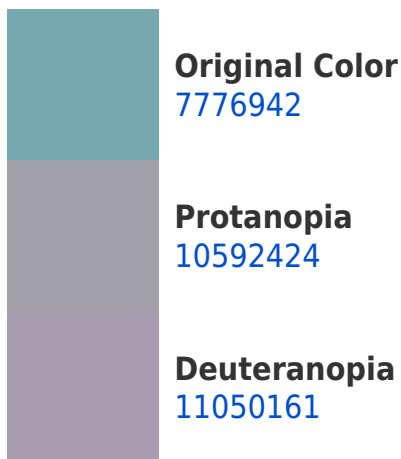


This preview shows how white text looks on a background with the Decimal color 7776942.

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
7907766

Trichromacy



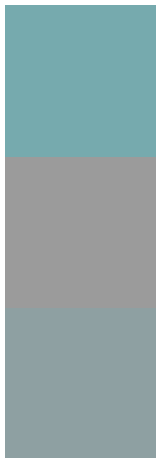
Original Color
7776942

Protanomaly
9544874

Deuteranomaly
9871792

Tritanomaly
7842227

Monochromacy



Original Color
7776942

Achromatopsia
10197915

Achromatomaly
9347234

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7776942 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 #76AAAE looks like.

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

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 #76AAAE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 7776942 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
#76AAAE }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 7776942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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