

Converting Colors

Decimal(7791330)

Have a look what the booklet for
Decimal(7791330) contains.

Decimal(7791330)	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(7791330)

Conversions

Conversions Part 1

Format	Color
Hex	76E2E2
RGB	118, 226, 226
RGB Percent	46%, 89%, 89%
CMY	0.5373, 0.1137, 0.1137
CMYK	0.48, 0.00, 0.00, 0.11
HSL	180°, 65%, 67%
HSV	180°, 48%, 89%
XYZ	48.3950, 63.7353, 81.7030
YIQ	193.7080, -64.3680, -22.8960

Conversions

Conversions Part 2

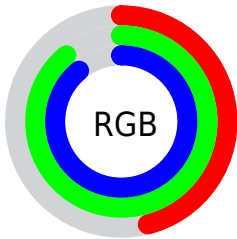
Format	Color
RYB	118, 172, 226
Decimal	7791330
CIELab	83.83, -31.03, -9.63
CIElCh	84, 32.489, 197.234
Yxy	63.7353, 0.2497, 0.3288
Android (android.graphics.Color)	4285981410 (0xFF76E2E2)
YUV	193.7080, 15.9200, -66.3959
Hunter-Lab	79.8344, -31.5047, -4.7937

Details

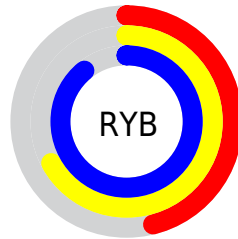
The Decimal color **7791330** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14841462**, and the grayscale version is **12763842**.

A 20% lighter version of the original color is **11665407**, and **3648171** is the 20% darker color. If you saturate the color by 10%, you get **6284002**, and if you desaturate by 10%, it is **9298658**.

Distribution



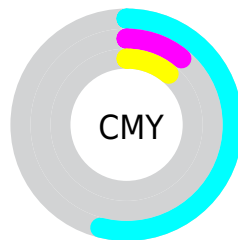
- Red (46%)
- Green (89%)
- Blue (89%)



- Red (46%)
- Yellow (67%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7791330 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 7791330 by changing the saturation by 10% instead.

7791330

7791330

16777215

5818054

11665407

3648171

13565951

102288

15532031

30071

23646

17478

11568

5915

0

7791330

7791330

6284002

9298658

4842210

10740450

3334882

12247778

1893090

13689570

385762

15196898

58082

16704226

16769762

Harmonies

Analogous

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



9429442



7791330



7856125

Triad

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



7791330



15451131



15977366

Complementary

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



7791330



14841462

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.



16761253



7791330



16760031

Square

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



7791330



12898047



16759744



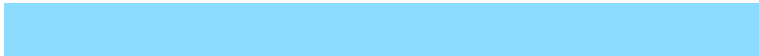
14013846

Rectangle

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



7791330



9165823



16759744



16500633

Sweetspot

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



7791330



14417919



7791222



6979712



0



8421504

Same Dimension

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



7791330



7274495



7777506



6647920



45232



12336

Inverse Universe

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



14841570



16740095



14855286



7366000



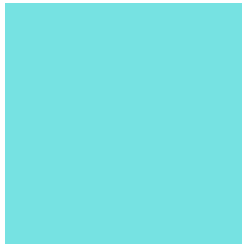
11534512



3145776

Previews

White Background



This preview shows how the Decimal color 7791330 looks on a white background.

Color Contrast Check

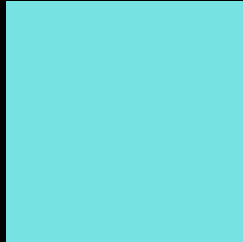
Large Text (above 18pt) WCAG AA × Fail

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 7791330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

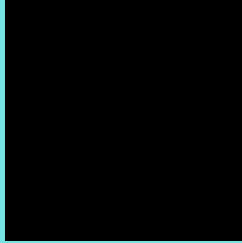
Any Text WCAG AA ✓ Pass

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 7791330 Background



This preview shows how black text looks on a background with the Decimal color 7791330.

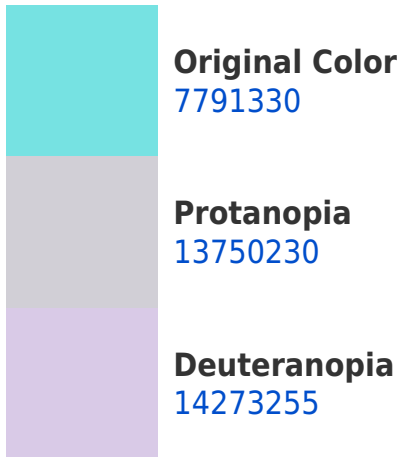


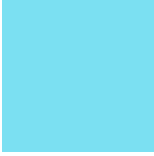
This preview shows how white text looks on a background with the Decimal color 7791330.

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
8118514

Trichromacy



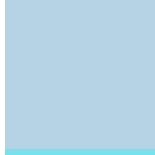
Original Color

7791330



Protanomaly

11589338



Deuteranomaly

11916261



Tritanomaly

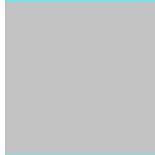
7987692

Monochromacy



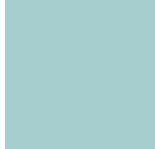
Original Color

7791330



Achromatopsia

12763842



Achromatomaly

10931918

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7791330 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 #76E2E2 looks like.

```
.text, #text, p{  
    color:#76E2E2  
}
```

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 #76E2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E2E2
}
```

Border

The CSS property to change the border of an element to Decimal 7791330 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
#76E2E2 }
```

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

```
.border{ border-color:#76E2E2 }
```

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

Here you see how a box with a 4 pixel #76E2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E2E2; -webkit-box-shadow:4px 4px  
4px 4px #76E2E2; box-shadow:4px 4px 4px  
4px #76E2E2 }
```

Background

The CSS property to change the background color of an element to Decimal 7791330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E2E2 }
```

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

```
.background{ background-color:#76E2E2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor