

Converting Colors

Decimal(7790799)

Have a look what the booklet for
Decimal(7790799) contains.

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Color

Decimal(7790799)

Conversions

Conversions Part 1

Format	Color
Hex	76E0CF
RGB	118, 224, 207
RGB Percent	46%, 88%, 81%
CMY	0.5373, 0.1216, 0.1882
CMYK	0.47, 0.00, 0.08, 0.12
HSL	170°, 63%, 67%
HSV	170°, 47%, 88%
XYZ	45.3894, 61.6679, 68.5423
YIQ	190.3680, -57.7190, -27.7590

Conversions

Conversions Part 2

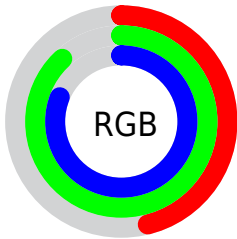
Format	Color
RYB	118, 176, 224
Decimal	7790799
CIELab	82.74, -34.77, -1.17
CIELCh	83, 34.789, 181.931
Yxy	61.6679, 0.2585, 0.3512
Android (android.graphics.Color)	4285980879 (0xFF76E0CF)
YUV	190.3680, 8.1996, -63.4667
Hunter-Lab	78.5289, -34.2533, 3.2202

Details

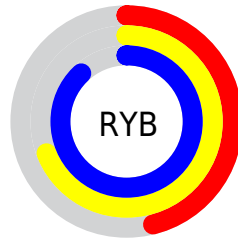
The Decimal color **7790799** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14710407**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **11599871**, and **3778713** is the 20% darker color. If you saturate the color by 10%, you get **6349003**, and if you desaturate by 10%, it is **9232595**.

Distribution



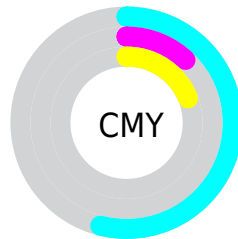
- Red (46%)
- Green (88%)
- Blue (81%)



- Red (46%)
- Yellow (69%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (54%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7790799 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 7790799 by changing the saturation by 10% instead.

7790799

7790799

16777215

5883060

11599871

3778713

13500415

953727

15466495

29542

23118

16951

11042

4620

0

 7790799

 7790799

 6349003

 9232595

 4841672

 10739926


 3399876

 12181722

 1892545

 13689053

 450749

 15130849

 57532

 16572645

 16769256

 16769260

 16769263

Harmonies

Analogous

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



10149294



7790799



6610927

Triad

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



7790799



14009855



16695701

Complementary

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



7790799



14710407

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.



16758957



7790799



16431853

Square

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



7790799



10932479



16758477



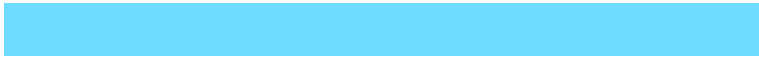
14929292

Rectangle

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



7790799



7265535



16758477



16760476

Sweetspot

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



7790799



14417913



8970358



6979708



0



8421504

Same Dimension

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



7790799



7274472



7781856



6647918



45204



12329

Inverse Universe

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



14710407



16739973



14719350



7365991



11534364



3145736

Previews

White Background



This preview shows how the Decimal color 7790799 looks on a white background.

Color Contrast Check

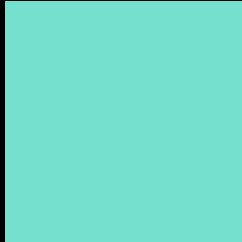
Large Text (above 18pt) WCAG AA × Fail

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 7790799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

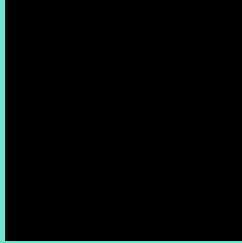
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

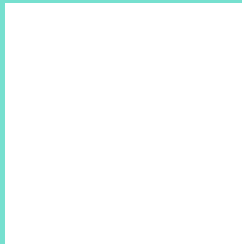
Any Text WCAG AAA ✓ Pass

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

Decimal 7790799 Background



This preview shows how black text looks on a background with the Decimal color 7790799.



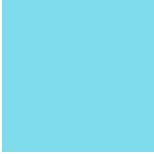
This preview shows how white text looks on a background with the Decimal color 7790799.

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





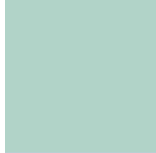
Tritanopia
8379629

Trichromacy



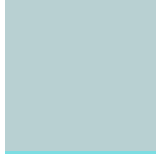
Original Color

7790799



Protanomaly

11654088



Deuteranomaly

12112082



Tritanomaly

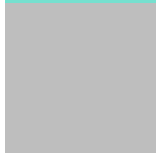
8183266

Monochromacy



Original Color

7790799



Achromatopsia

12500670



Achromatomaly

10799812

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7790799 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 #76E0CF looks like.

```
.text, #text, p{  
    color:#76E0CF  
}
```

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 #76E0CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76E0CF
}
```

Border

The CSS property to change the border of an element to Decimal 7790799 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
#76E0CF }
```

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

```
.border{ border-color:#76E0CF }
```

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

Here you see how a box with a 4 pixel #76E0CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76E0CF; -webkit-box-shadow:4px 4px  
4px 4px #76E0CF; box-shadow:4px 4px 4px  
4px #76E0CF }
```

Background

The CSS property to change the background color of an element to Decimal 7790799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76E0CF }
```

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

```
.background{ background-color:#76E0CF }
```

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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