

# Converting Colors

Decimal(7790022)

Have a look what the booklet for  
Decimal(7790022) contains.

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# **Color**

**Decimal(7790022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76DDC6
RGB	118, 221, 198
RGB Percent	46%, 87%, 78%
CMY	0.5373, 0.1333, 0.2235
CMYK	0.47, 0.00, 0.10, 0.13
HSL	167°, 60%, 66%
HSV	167°, 47%, 87%
XYZ	43.5207, 59.6417, 62.6443
YIQ	187.5810, -54.0050, -28.9890

# Conversions

## Conversions Part 2

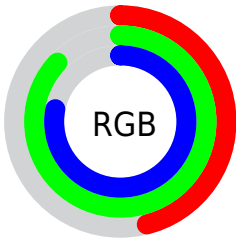
Format	Color
<b>RYB</b>	118, 176, 221
Decimal	7790022
CIELab	81.64, -35.50, 2.01
CIELCh	82, 35.552, 176.763
Yxy	59.6417, 0.2625, 0.3597
Android (android.graphics.Color)	4285980102 (0xFF76DDC6)
YUV	187.5810, 5.1366, -61.0225
Hunter-Lab	77.2280, -34.5580, 5.9659

# Details

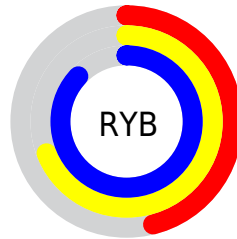
The Decimal color **7790022** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14513805**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **11534335**, and **3909008** is the 20% darker color. If you saturate the color by 10%, you get **6348225**, and if you desaturate by 10%, it is **9231819**.

# Distribution



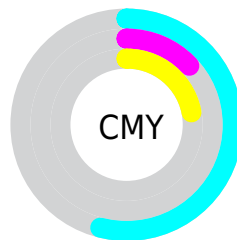
- Red (46%)
- Green (87%)
- Blue (78%)



- Red (46%)
- Yellow (69%)
- Blue (87%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (54%)
- Magenta (13%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7790022 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 7790022 by changing the saturation by 10% instead.



7790022

7790022

16777215

5882283

11534335

3909008

13500415

1280887

15400959

29022

22598

16432

10523

2817

0

 7790022

 7790022


 6348225

 9231819

 4906428

 10673616

 3464631

 12115413

 2022834

 13557210

 581037

 15064543

 56748

 16506340

 16768489

 16768493

 16768498

# Harmonies

## Analogous

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



10279333



7790022



6151656

# Triad

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



7790022



13354239



16759956

# Complementary

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



7790022



14513805

# 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.



16757935



7790022



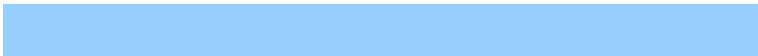
15907056

# Square

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



7790022



10080255



16757456



15124616

# Rectangle

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



7790022



6478586



16757456



16759196

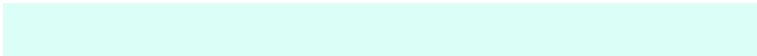


# Sweetspot

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



7790022



14417911



9362806



6979707



0



8421504



# Same Dimension

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



7790022



7405535



7783133



6516331



44423



11812



# Inverse Universe

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



14513805



16740496



14520694



7234405



11337767



3014666



# Previews

## White Background



This preview shows how the Decimal color 7790022 looks on a white background.

## Color Contrast Check

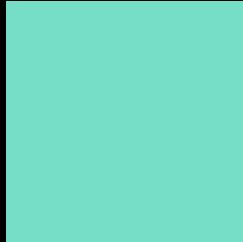
Large Text (above 18pt) WCAG AA × Fail

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 7790022 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

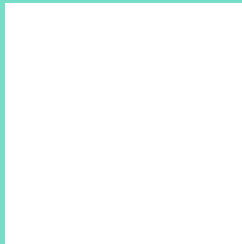
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7790022 Background



This preview shows how black text looks on a background with the Decimal color 7790022.



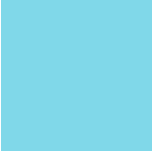
This preview shows how white text looks on a background with the Decimal color 7790022.

# 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**  
8444137

# Trichromacy



**Original Color**

7790022



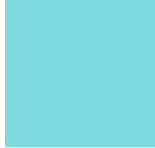
**Protanomaly**

11587775



**Deuteranomaly**

12045513



**Tritanomaly**

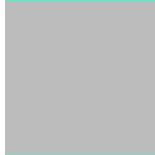
8182492

# Monochromacy



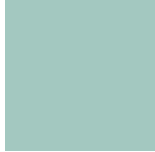
**Original Color**

7790022



**Achromatopsia**

12369084



**Achromatomaly**

10733760

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7790022 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 #76DDC6 looks like.

```
.text, #text, p{  
    color:#76DDC6  
}
```

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 #76DDC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76DDC6
}
```

## Border

The CSS property to change the border of an element to Decimal 7790022 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
#76DDC6 }
```

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

```
.border{ border-color:#76DDC6 }
```

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

Here you see how a box with a 4 pixel #76DDC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76DDC6; -webkit-box-shadow:4px 4px  
4px 4px #76DDC6; box-shadow:4px 4px 4px  
4px #76DDC6 }
```

# Background

The CSS property to change the background color of an element to Decimal 7790022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76DDC6 }
```

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

```
.background{ background-color:#76DDC6 }
```

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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