

Converting Colors

Decimal(7720156)

Have a look what the booklet for
Decimal(7720156) contains.

Decimal(7720156)	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(7720156)

Conversions

Conversions Part 1

Format	Color
Hex	75CCDC
RGB	117, 204, 220
RGB Percent	46%, 80%, 86%
CMY	0.5412, 0.2000, 0.1373
CMYK	0.47, 0.07, 0.00, 0.14
HSL	189°, 60%, 66%
HSV	189°, 47%, 86%
XYZ	41.8473, 52.1349, 75.5676
YIQ	179.8110, -56.9880, -13.4680

Conversions

Conversions Part 2

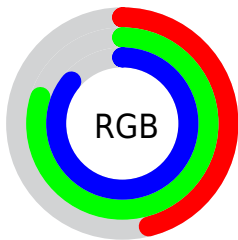
Format	Color
R _{YB}	117, 164, 220
Decimal	7720156
CIE Lab	77.36, -22.04, -16.11
CIE LCh	77, 27.301, 216.153
Yxy	52.1349, 0.2468, 0.3075
Android (android.graphics.Color)	4285910236 (0xFF75CCDC)
YUV	179.8110, 19.8132, -55.0852
Hunter-Lab	72.2045, -22.9055, -11.5084

Details

The Decimal color **7720156** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14452085**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11468799**, and **3839653** is the 20% darker color. If you saturate the color by 10%, you get **6277596**, and if you desaturate by 10%, it is **9162716**.

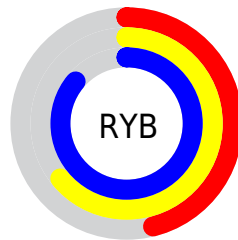
Distribution



Red (46%)

Green (80%)

Blue (86%)



Red (46%)

Yellow (64%)

Blue (86%)

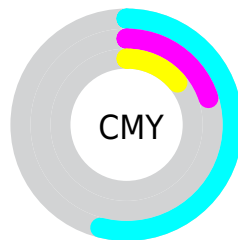


Cyan (47%)

Magenta (7%)

Yellow (0%)

Black (14%)



Cyan (54%)

Magenta (20%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7720156 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 7720156 by changing the saturation by 10% instead.

7720156

7720156

16777215

5812416

11468799

3839653

13434879

1145995

15335423

25457

19033

13121

7979

279

0

■ 7720156

■ 7720156

■ 6277596

■ 9162716

■ 4834780

■ 10605532

■ 3392220

■ 12048092

■ 1949404

■ 13490908

■ 506844

■ 14933468

■ 47836

■ 16376284

■ 16770268

■ 16771036

■ 16772060

Harmonies

Analogous

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



8179140



7720156



8833005

Triad

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



7720156



14987476



13418381

Complementary

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



7720156



14452085

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.



14923666



7720156



15904187

Square

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



7720156



13285352



15839394



11650966

Rectangle

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



7720156



10273521



15839394



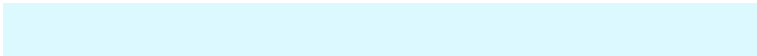
14007437

Sweetspot

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



7720156



14416383



7724164



6978688



0



8421504

Same Dimension

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



7720156



7399935



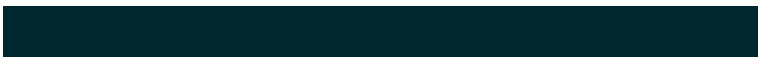
7707100



6515822



37549



10030

Inverse Universe

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



14448076



16740585



14465141



7234412



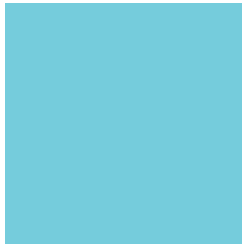
11337874



3014695

Previews

White Background



This preview shows how the Decimal color 7720156 looks on a white background.

Color Contrast Check

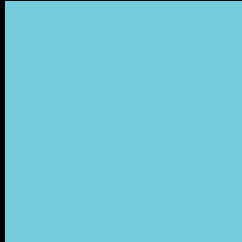
Large Text (above 18pt) WCAG AA × Fail

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 7720156 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 7720156 Background



This preview shows how black text looks on a background with the Decimal color 7720156.

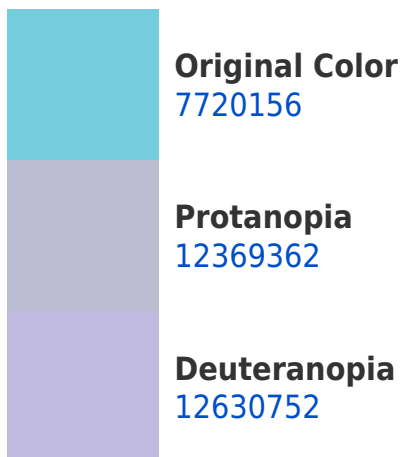


This preview shows how white text looks on a background with the Decimal color 7720156.

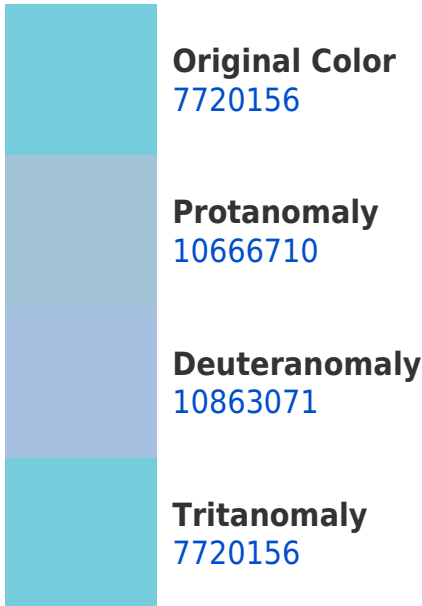
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7720156 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 #75CCDC looks like.

```
.text, #text, p{  
    color:#75CCDC  
}
```

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 #75CCDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CCDC
}
```

Border

The CSS property to change the border of an element to Decimal 7720156 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
#75CCDC }
```

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

```
.border{ border-color:#75CCDC }
```

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

Here you see how a box with a 4 pixel #75CCDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CCDC; -webkit-box-shadow:4px 4px  
4px 4px #75CCDC; box-shadow:4px 4px 4px  
4px #75CCDC }
```

Background

The CSS property to change the background color of an element to Decimal 7720156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CCDC }
```

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

```
.background{ background-color:#75CCDC }
```

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