

Converting Colors

Decimal(7713735)

Have a look what the booklet for
Decimal(7713735) contains.

Decimal(7713735)	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(7713735)

Conversions

Conversions Part 1

Format	Color
Hex	75B3C7
RGB	117, 179, 199
RGB Percent	46%, 70%, 78%
CMY	0.5412, 0.2980, 0.2196
CMYK	0.41, 0.10, 0.00, 0.22
HSL	195°, 42%, 62%
HSV	195°, 41%, 78%
XYZ	33.7650, 40.1456, 60.0021
YIQ	162.7420, -43.3720, -6.9240

Conversions

Conversions Part 2

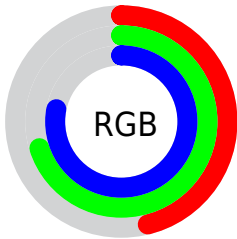
Format	Color
RYB	117, 152, 199
Decimal	7713735
CIELab	69.57, -14.73, -16.43
CIElCh	70, 22.069, 228.118
Yxy	40.1456, 0.2521, 0.2998
Android (android.graphics.Color)	4285903815 (0xFF75B3C7)
YUV	162.7420, 17.8752, -40.1157
Hunter-Lab	63.3606, -15.7579, -11.7949

Details

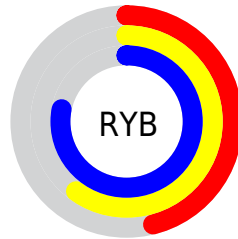
The Decimal color **7713735** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13076853**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11332607**, and **4095633** is the 20% darker color. If you saturate the color by 10%, you get **6401735**, and if you desaturate by 10%, it is **9025735**.

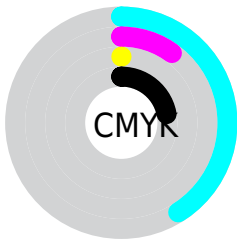
Distribution



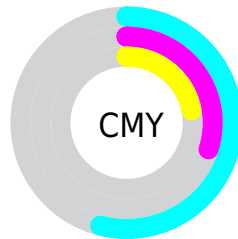
- Red (46%)
- Green (70%)
- Blue (78%)



- Red (46%)
- Yellow (60%)
- Blue (78%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (22%)



- Cyan (54%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7713735 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 7713735 by changing the saturation by 10% instead.



7713735



7713735

16777215



5937324



11332607



4095633



13238271



2188663



15138815



19807



13895



8496



540



0



7713735



7713735

■ 6401735

■ 9025735

■ 5089735

■ 10337735

■ 3777735

■ 11649735

■ 2465991

■ 12961479

■ 1153991

■ 14273479

■ 38599

■ 15519943

■ 16766407

■ 16767687

■ 16768967

Harmonies

Analogous

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



7583158



7713735



8957649

Triad

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



7713735



13474995



11316356

Complementary

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



7713735



13076853

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.



12625539



7713735



13868190

Square

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



7713735



12362181



13607053



9810575

Rectangle

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



7713735



10136273



13607053



11774594

Sweetspot

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



7713735



14743807



7718792



7240576



0



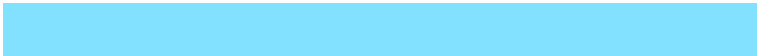
8421504

Same Dimension

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



7713735



8577535



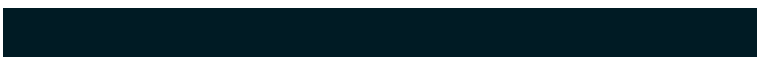
7703495



5923171



31651



6948

Inverse Universe

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



13071795



16745185



13087093



6511201



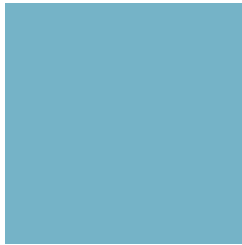
10682491



2359323

Previews

White Background



This preview shows how the Decimal color 7713735 looks on a white background.

Color Contrast Check

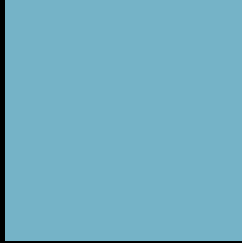
Large Text (above 18pt) WCAG AA × Fail

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 7713735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

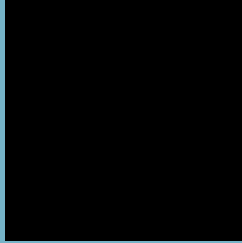
Any Text WCAG AA ✓ Pass

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 7713735 Background



This preview shows how black text looks on a background with the Decimal color 7713735.

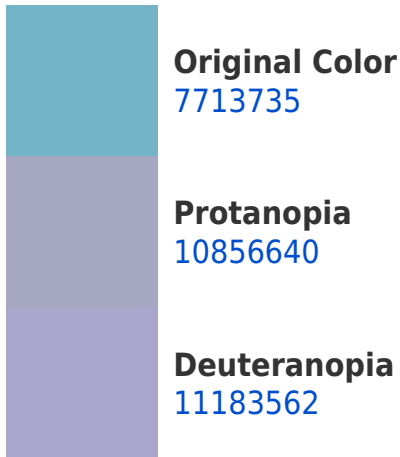


This preview shows how white text looks on a background with the Decimal color 7713735.

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
7648450

Trichromacy



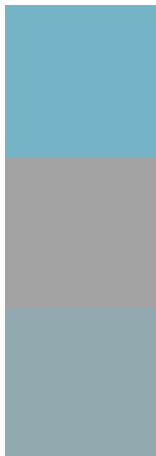
Original Color
7713735

Protanomaly
9743555

Deuteranomaly
9939657

Tritanomaly
7648452

Monochromacy



Original Color
7713735

Achromatopsia
10724259

Achromatomaly
9611696

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7713735 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 #75B3C7 looks like.

```
.text, #text, p{  
    color:#75B3C7  
}
```

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 #75B3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B3C7
}
```

Border

The CSS property to change the border of an element to Decimal 7713735 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
#75B3C7 }
```

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

```
.border{ border-color:#75B3C7 }
```

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

Here you see how a box with a 4 pixel #75B3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B3C7; -webkit-box-shadow:4px 4px  
4px 4px #75B3C7; box-shadow:4px 4px 4px  
4px #75B3C7 }
```

Background

The CSS property to change the background color of an element to Decimal 7713735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B3C7 }
```

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

```
.background{ background-color:#75B3C7 }
```

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