

Converting Colors

Decimal(7712953)

Have a look what the booklet for
Decimal(7712953) contains.

Decimal(7712953)	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(7712953)

Conversions

Conversions Part 1

Format	Color
Hex	75B0B9
RGB	117, 176, 185
RGB Percent	46%, 69%, 73%
CMY	0.5412, 0.3098, 0.2745
CMYK	0.37, 0.05, 0.00, 0.27
HSL	188°, 33%, 59%
HSV	188°, 37%, 73%
XYZ	31.6184, 38.3354, 51.6319
YIQ	159.3850, -38.0530, -9.7090

Conversions

Conversions Part 2

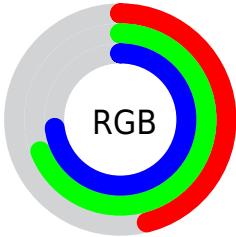
Format	Color
RYB	117, 149, 185
Decimal	7712953
CIELab	68.27, -16.77, -10.67
CIElCh	68, 19.881, 212.470
Yxy	38.3354, 0.2601, 0.3153
Android (android.graphics.Color)	4285903033 (0xFF75B0B9)
YUV	159.3850, 12.6282, -37.1716
Hunter-Lab	61.9156, -17.1976, -6.1016

Details

The Decimal color **7712953** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12156533**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **11331825**, and **4225924** is the 20% darker color. If you saturate the color by 10%, you get **6532793**, and if you desaturate by 10%, it is **8958649**.

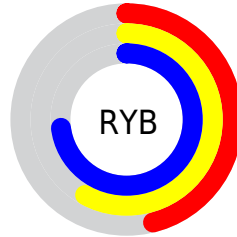
Distribution



Red (46%)

Green (69%)

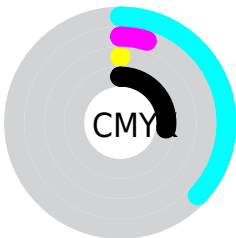
Blue (73%)



Red (46%)

Yellow (58%)

Blue (73%)

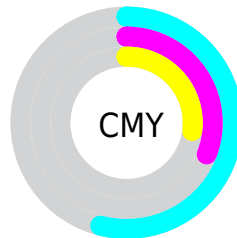


Cyan (37%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7712953 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 7712953 by changing the saturation by 10% instead.

■ 7712953

■ 7712953

16777215

■ 5936542

■ 11331825

■ 4225924

■ 13172735

■ 2384491

■ 15073279

■ 19027

■ 13372

■ 7974

■ 273

■ 0

■ 7712953

■ 7712953

6532793

8958649

5286841

10139065

4041145

11384761

2860729

12565177

1615033

13810873

434617

14991289

41401

16171449

16762041

16762553

Harmonies

Analogous

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



8106407



7712953



8367558

Triad

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



7712953



12557495



11773571

Complementary

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



7712953



12156533

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.



12755079



7712953



13277862

Square

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



7712953



11248069



13343636



10464136

Rectangle

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



7712953



9218506



13343636



12166275

Sweetspot

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



7712953



14019824



7715197



6846072



16250871



7895160

Same Dimension

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



7712953



8839920



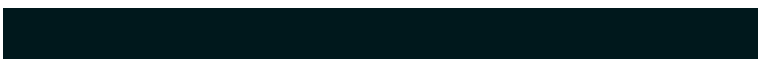
7704505



5462876



34716



6172

Inverse Universe

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



12154288



15763170



12164981



6050651



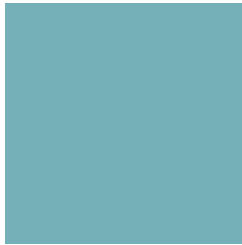
10223751



1835032

Previews

White Background



This preview shows how the Decimal color 7712953 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 7712953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

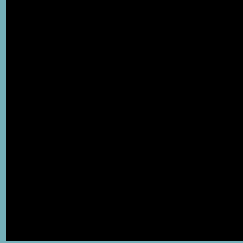
Any Text WCAG AA ✓ Pass

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 7712953 Background



This preview shows how black text looks on a background with the Decimal color 7712953.



This preview shows how white text looks on a background with the Decimal color 7712953.

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



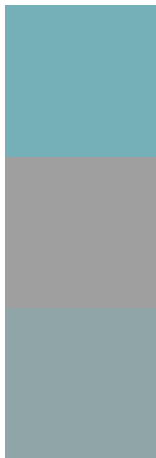
Original Color
7712953

Protanomaly
9742773

Deuteranomaly
9938619

Tritanomaly
7778236

Monochromacy



Original Color
7712953

Achromatopsia
10461087

Achromatomaly
9479592

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7712953 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 #75B0B9 looks like.

```
.text, #text, p{  
    color:#75B0B9  
}
```

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 #75B0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B0B9
}
```

Border

The CSS property to change the border of an element to Decimal 7712953 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
#75B0B9 }
```

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

```
.border{ border-color:#75B0B9 }
```

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

Here you see how a box with a 4 pixel #75B0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B0B9; -webkit-box-shadow:4px 4px  
4px 4px #75B0B9; box-shadow:4px 4px 4px  
4px #75B0B9 }
```

Background

The CSS property to change the background color of an element to Decimal 7712953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B0B9 }
```

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

```
.background{ background-color:#75B0B9 }
```

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