

Converting Colors

Decimal(7712957)

Have a look what the booklet for
Decimal(7712957) contains.

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Color

Decimal(7712957)

Conversions

Conversions Part 1

Format	Color
Hex	75B0BD
RGB	117, 176, 189
RGB Percent	46%, 69%, 74%
CMY	0.5412, 0.3098, 0.2588
CMYK	0.38, 0.07, 0.00, 0.26
HSL	191°, 35%, 60%
HSV	191°, 38%, 74%
XYZ	32.0468, 38.5067, 53.8876
YIQ	159.8410, -39.3370, -8.4650

Conversions

Conversions Part 2

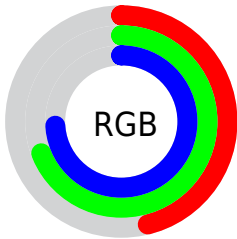
Format	Color
RYB	117, 149, 189
Decimal	7712957
CIELab	68.39, -15.76, -12.70
CIElCh	68, 20.234, 218.862
Yxy	38.5067, 0.2575, 0.3094
Android (android.graphics.Color)	4285903037 (0xFF75B0BD)
YUV	159.8410, 14.3754, -37.5716
Hunter-Lab	62.0538, -16.4104, -8.0499

Details

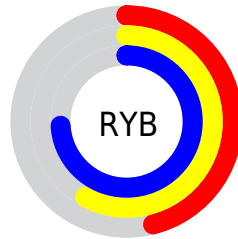
The Decimal color **7712957** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12419701**, and the grayscale version is **10526880**.

A 20% lighter version of the original color is **11331829**, and **4225928** is the 20% darker color. If you saturate the color by 10%, you get **6467005**, and if you desaturate by 10%, it is **8958909**.

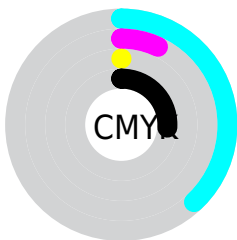
Distribution



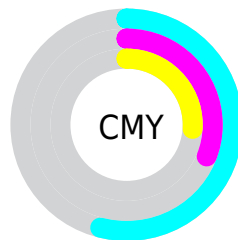
- Red (46%)
- Green (69%)
- Blue (74%)



- Red (46%)
- Yellow (58%)
- Blue (74%)



- Cyan (38%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (54%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7712957 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 7712957 by changing the saturation by 10% instead.

 7712957


 7712957

16777215

 5936546

 11331829

 4225928

 13172735

 2384494

 15073279

 19030


 13375

 7977

 277

 0

 7712957

 7712957

■ 6467005

■ 8958909

■ 5220797

■ 10205117

■ 3974845

■ 11451069

■ 2728637

■ 12697277

■ 1482685

■ 13943229

■ 302269

■ 15123645

■ 39869

■ 16369853

■ 16763837

■ 16764861

Harmonies

Analogous

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



7909804



7712957



8563912

Triad

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



7712957



12819380



11511683

Complementary

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



7712957



12419701

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.



12624261



7712957



13408930

Square

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



7712957



11641027



13343889



10202506

Rectangle

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



7712957



9546187



13343889



11904386

Sweetspot

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



7712957



14348533



7716225



6977658



16448250



8026746

Same Dimension

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



7712957



8708341



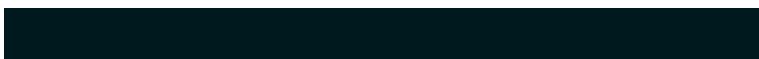
7703997



5594462



33438



6431

Inverse Universe

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



12416432



16090336



12428661



6182237



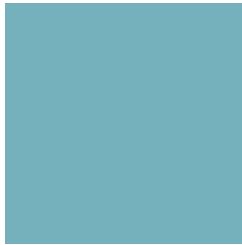
10354818



2031641

Previews

White Background



This preview shows how the Decimal color 7712957 looks on a white background.

Color Contrast Check

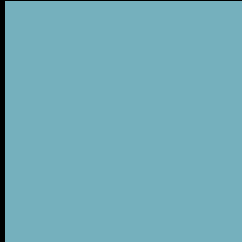
Large Text (above 18pt) WCAG AA × Fail

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 7712957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

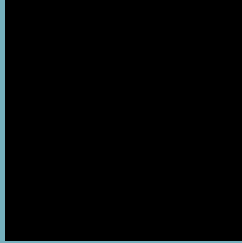
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

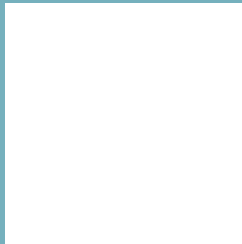
Any Text WCAG AAA ✓ Pass

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

Decimal 7712957 Background



This preview shows how black text looks on a background with the Decimal color 7712957.



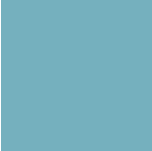
This preview shows how white text looks on a background with the Decimal color 7712957.

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
7712958

Trichromacy



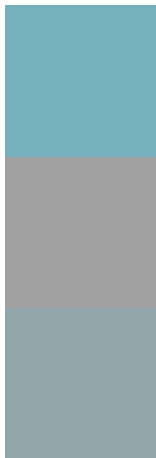
Original Color
7712957

Protanomaly
9677241

Deuteranomaly
9938879

Tritanomaly
7712958

Monochromacy



Original Color
7712957

Achromatopsia
10526880

Achromatomaly
9479851

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7712957 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 #75B0BD looks like.

```
.text, #text, p{  
  color:#75B0BD  
}
```

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 #75B0BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B0BD
}
```

Border

The CSS property to change the border of an element to Decimal 7712957 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
#75B0BD }
```

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

```
.border{ border-color:#75B0BD }
```

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

Here you see how a box with a 4 pixel #75B0BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B0BD; -webkit-box-shadow:4px 4px  
4px 4px #75B0BD; box-shadow:4px 4px 4px  
4px #75B0BD }
```

Background

The CSS property to change the background color of an element to Decimal 7712957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B0BD }
```

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

```
.background{ background-color:#75B0BD }
```

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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