

Converting Colors

Decimal(7713668)

Have a look what the booklet for
Decimal(7713668) contains.

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Color

Decimal(7713668)

Conversions

Conversions Part 1

Format	Color
Hex	75B384
RGB	117, 179, 132
RGB Percent	46%, 70%, 52%
CMY	0.5412, 0.2980, 0.4824
CMYK	0.35, 0.00, 0.26, 0.30
HSL	135°, 29%, 58%
HSV	135°, 35%, 70%
XYZ	27.6211, 37.6881, 27.6485
YIQ	155.1040, -21.8650, -27.7610

Conversions

Conversions Part 2

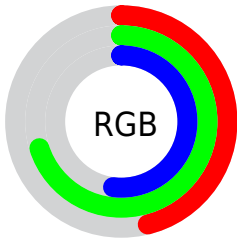
Format	Color
RYB	117, 167, 179
Decimal	7713668
CIELab	67.79, -29.98, 17.82
CIELCh	68, 34.874, 149.276
Yxy	37.6881, 0.2971, 0.4054
Android (android.graphics.Color)	4285903748 (0xFF75B384)
YUV	155.1040, -11.3903, -33.4172
Hunter-Lab	61.3906, -27.1222, 16.2709

Details

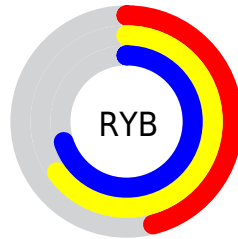
The Decimal color **7713668** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11761060**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **11267001**, and **4292178** is the 20% darker color. If you saturate the color by 10%, you get **6534006**, and if you desaturate by 10%, it is **8893330**.

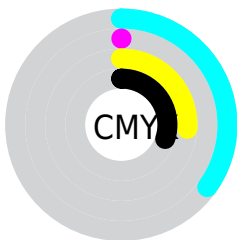
Distribution



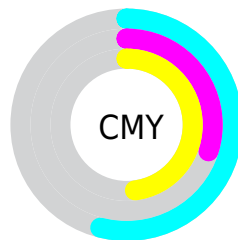
- Red (46%)
- Green (70%)
- Blue (52%)



- Red (46%)
- Yellow (65%)
- Blue (70%)



- Cyan (35%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7713668 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 7713668 by changing the saturation by 10% instead.



7713668



7713668

16777215



6002795



11267001



4292178



13107157



2647355



14942193



674853



13584



8448



0



7713668



7713668



6534006



8893330

■ 5354345

■ 10072991

■ 4174683

■ 11252653

■ 2995022

■ 12432314

■ 1880896

■ 13611976

■ 701235

■ 14726101

■ 45867

■ 15905763

■ 16757745

■ 16757758

Harmonies

Analogous

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



10136685



7713668



5093027

Triad

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



7713668



7842020



14847880

Complementary

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



7713668



11761060

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.



14716327



7713668



11050460

Square

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



7713668



4501978



13407174



13932656

Rectangle

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



7713668



3454649



13407174



14913170

Sweetspot

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



7713668



13756630



10859381



6780267



16119285



7697781

Same Dimension

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



7713668



8906910



7713698



5265746



39205



6662

Inverse Universe

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



11761060



15239120



11761030



5853271



10027124



1703955

Previews

White Background



This preview shows how the Decimal color 7713668 looks on a white background.

Color Contrast Check

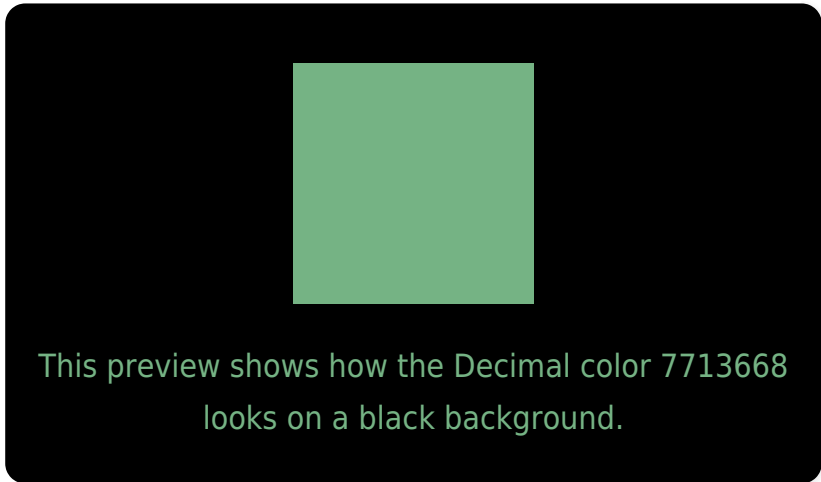
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

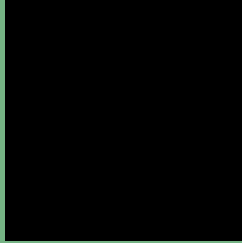
Any Text WCAG AA ✓ Pass

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 7713668 Background



This preview shows how black text looks on a background with the Decimal color 7713668.

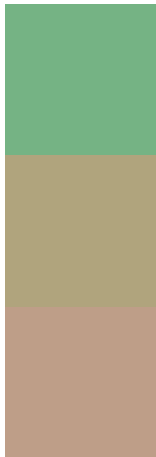


This preview shows how white text looks on a background with the Decimal color 7713668.

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



Original Color
7713668

Protanopia
11576445

Deuteranopia
12492424



Tritanopia
8432826

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7713668 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 #75B384 looks like.

```
.text, #text, p{  
    color:#75B384  
}
```

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 #75B384 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75B384
}
```

Border

The CSS property to change the border of an element to Decimal 7713668 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
#75B384 }
```

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

```
.border{ border-color:#75B384 }
```

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

Here you see how a box with a 4 pixel #75B384 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75B384; -webkit-box-shadow:4px 4px  
4px 4px #75B384; box-shadow:4px 4px 4px  
4px #75B384 }
```

Background

The CSS property to change the background color of an element to Decimal 7713668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75B384 }
```

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

```
.background{ background-color:#75B384 }
```

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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