

Converting Colors

Decimal(7706002)

Have a look what the booklet for
Decimal(7706002) contains.

Decimal(7706002)	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(7706002)

Conversions

Conversions Part 1

Format	Color
Hex	759592
RGB	117, 149, 146
RGB Percent	46%, 58%, 57%
CMY	0.5412, 0.4157, 0.4275
CMYK	0.21, 0.00, 0.02, 0.42
HSL	174°, 13%, 52%
HSV	174°, 21%, 58%
XYZ	23.2719, 27.3521, 31.2471
YIQ	139.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

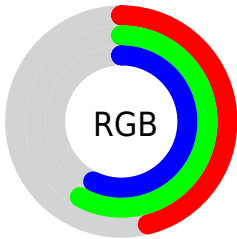
Format	Color
RYB	117, 134, 149
Decimal	7706002
CIELab	59.30, -11.76, -2.10
CIELCh	59, 11.948, 190.099
Yxy	27.3521, 0.2843, 0.3341
Android (android.graphics.Color)	4285896082 (0xFF759592)
YUV	139.0900, 3.4066, -19.3729
Hunter-Lab	52.2993, -12.0956, 1.1857

Details

The Decimal color **7706002** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9794936**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **11193288**, and **4481632** is the 20% darker color. If you saturate the color by 10%, you get **6722961**, and if you desaturate by 10%, it is **8689043**.

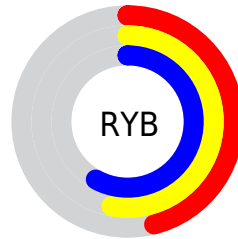
Distribution



Red (46%)

Green (58%)

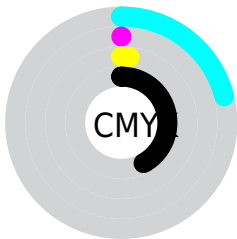
Blue (57%)



Red (46%)

Yellow (53%)

Blue (58%)

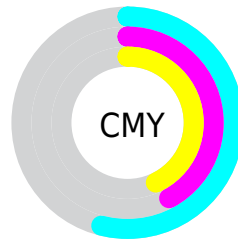


Cyan (21%)

Magenta (0%)

Yellow (2%)

Black (42%)



Cyan (54%)

Magenta (42%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7706002 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 7706002 by changing the saturation by 10% instead.



7706002



7706002

16777215



6060920



11193288



4481632



12969956



2902600



14811135



1455154

16711679



7709



2



0



7706002



7706002



6722961



8689043

■ 5739919

■ 9672085

■ 4756878

■ 10655126

■ 3773836

■ 11638168

■ 2790795

■ 12621209

■ 1873290

■ 13538714

■ 890248

■ 14521756

■ 38279

■ 15504797

■ 16487839

Harmonies

Analogous

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



8164487



7706002



7705756

Triad

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



7706002



9800607



10390651

Complementary

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



7706002



9794936

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.



10783106



7706002



10520726

Square

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



7706002



8949411



10848395



9736058

Rectangle

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



7706002



7967649



10848395



10521469

Sweetspot

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



7706002



11977409



7902581



5923168



14737632



6381921

Same Dimension

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



7706002



9421501



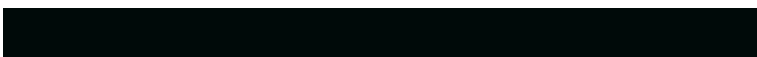
7702677



4409929



35453



2569

Inverse Universe

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



9794936



12750740



9798261



4866883



9043981



655361

Previews

White Background



This preview shows how the Decimal color 7706002 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7706002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

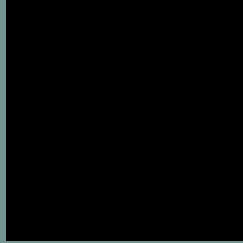
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Decimal 7706002 Background



This preview shows how black text looks on a background with the Decimal color 7706002.

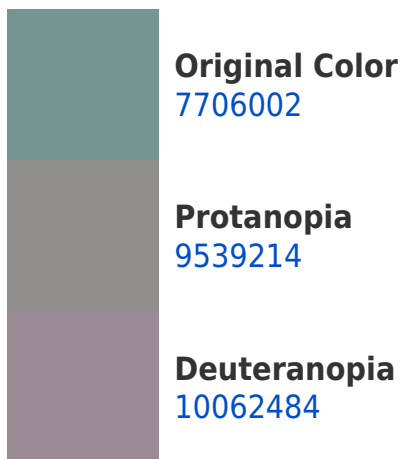


This preview shows how white text looks on a background with the Decimal color 7706002.

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
7902111

Trichromacy



Original Color
7706002

Protanomaly
8884623

Deuteranomaly
9211539

Tritanomaly
7836826

Monochromacy



Original Color
7706002

Achromatopsia
9145227

Achromatomaly
8621966

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7706002 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 #759592 looks like.

```
.text, #text, p{  
    color:#759592  
}
```

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 #759592 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #759592
}
```

Border

The CSS property to change the border of an element to Decimal 7706002 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
#759592 }
```

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

```
.border{ border-color:#759592 }
```

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

Here you see how a box with a 4 pixel #759592 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #759592; -webkit-box-shadow:4px 4px  
4px 4px #759592; box-shadow:4px 4px 4px  
4px #759592 }
```

Background

The CSS property to change the background color of an element to Decimal 7706002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#759592 }
```

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

```
.background{ background-color:#759592 }
```

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