

Converting Colors

Decimal(7768991)

Have a look what the booklet for
Decimal(7768991) contains.

| | |
|--|----|
| Decimal(7768991) | 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(7768991)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 768B9F |
| RGB | 118, 139, 159 |
| RGB Percent | 46%, 55%, 62% |
| CMY | 0.5373, 0.4549, 0.3765 |
| CMYK | 0.26, 0.13, 0.00, 0.38 |
| HSL | 209°, 18%, 54% |
| HSV | 209°, 26%, 62% |
| XYZ | 22.9618, 24.8200, 36.3814 |
| YIQ | 135.0010, -18.9360, 1.7680 |

Conversions

Conversions Part 2

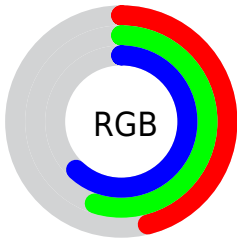
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 118, 132, 159 |
| Decimal | 7768991 |
| CIE _{Lab} | 56.90, -2.82, -13.09 |
| CIE _{LCh} | 57, 13.394, 257.858 |
| Yxy | 24.8200, 0.2728, 0.2949 |
| Android (android.graphics.Color) | 4285959071 (0xFF768B9F) |
| YUV | 135.0010, 11.8315, -14.9099 |
| Hunter-Lab | 49.8197, -4.9139, -8.4235 |

Details

The Decimal color **7768991** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **10455670**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **11256022**, and **4479340** is the 20% darker color. If you saturate the color by 10%, you get **6718367**, and if you desaturate by 10%, it is **8819615**.

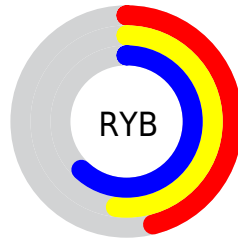
Distribution



Red (46%)

Green (55%)

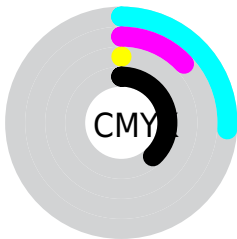
Blue (62%)



Red (46%)

Yellow (52%)

Blue (62%)

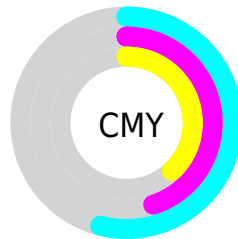


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (45%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7768991 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 7768991 by changing the saturation by 10% instead.

■ 7768991

■ 7768991

16777215

■ 6124165

■ 11256022

■ 4479340

■ 13032690

■ 2966099

■ 14940671

■ 1453116

■ 5926

■ 273

■ 0

■ 7768991

■ 7768991

■ 6718367

■ 8819615

■ 5667743

■ 9870239

■ 4617375

■ 10920607

■ 3566751

■ 11971231

■ 2581663

■ 13021855

■ 1531039

■ 14006943

■ 480671

■ 15057311

■ 20895

■ 16107935

■ 16765343

Harmonies

Analogous

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



7114393



7768991



8751007

Triad

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



7768991



10584450



8228217

Complementary

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



7768991



10455670

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.



9079410



7768991



10453880

Square

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



7768991



10322318



9864818



7442307

Rectangle

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



7768991



9405851



9864818



8490102

Sweetspot

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



7768991



12502735



7774090



6185833



15263976



6908265

Same Dimension

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



7768991



9416655



7763871



4672335



18831



2063

Inverse Universe

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



10450571



13602735



10460790



5195595



9371721



983048

Previews

White Background



This preview shows how the Decimal color 7768991 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 7768991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

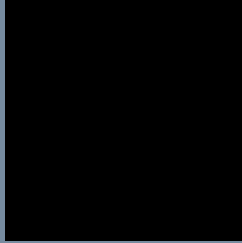
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

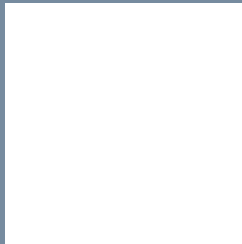
Any Text WCAG AAA × Fail

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

Decimal 7768991 Background



This preview shows how black text looks on a background with the Decimal color 7768991.

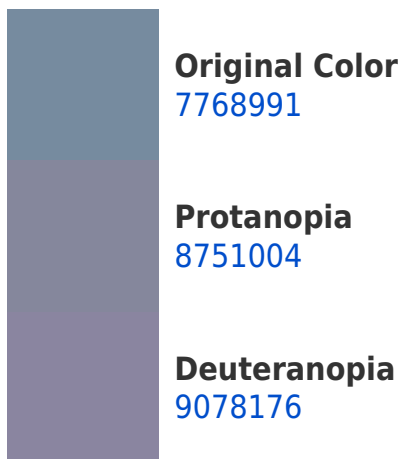



This preview shows how white text looks on a background with the Decimal color 7768991.

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
7638167

Trichromacy



Original Color

7768991

Protanomaly

8423581

Deuteranomaly

8619936

Tritanomaly

7703706

Monochromacy



Original Color

7768991

Achromatopsia

8882055

Achromatomaly

8489104

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7768991 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 #768B9F looks like.

```
.text, #text, p{  
    color:#768B9F  
}
```

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 #768B9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768B9F
}
```

Border

The CSS property to change the border of an element to Decimal 7768991 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
#768B9F }
```

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

```
.border{ border-color:#768B9F }
```

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

Here you see how a box with a 4 pixel #768B9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768B9F; -webkit-box-shadow:4px 4px  
4px 4px #768B9F; box-shadow:4px 4px 4px  
4px #768B9F }
```

Background

The CSS property to change the background color of an element to Decimal 7768991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768B9F }
```

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

```
.background{ background-color:#768B9F }
```

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