

# Converting Colors

Decimal(7766923)

Have a look what the booklet for  
Decimal(7766923) contains.

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# Color

**Decimal(7766923)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76838B
RGB	118, 131, 139
RGB Percent	46%, 51%, 55%
CMY	0.5373, 0.4863, 0.4549
CMYK	0.15, 0.06, 0.00, 0.45
HSL	203°, 8%, 50%
HSV	203°, 15%, 55%
XYZ	20.2477, 21.9482, 27.5954
YIQ	128.0250, -10.3160, -0.2680

# Conversions

## Conversions Part 2

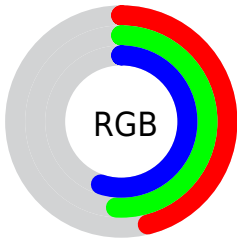
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 126, 139
Decimal	7766923
CIE <sub>Lab</sub>	53.97, -2.99, -5.93
CIE <sub>LCh</sub>	54, 6.636, 243.260
Yxy	21.9482, 0.2901, 0.3145
Android (android.graphics.Color)	4285957003 (0xFF76838B)
YUV	128.0250, 5.4107, -8.7919
Hunter-Lab	46.8489, -4.8395, -2.1292

# Details

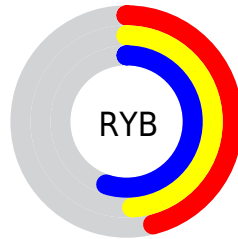
The Decimal color **7766923** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9141878**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **11188416**, and **4543065** is the 20% darker color. If you saturate the color by 10%, you get **6848139**, and if you desaturate by 10%, it is **8685707**.

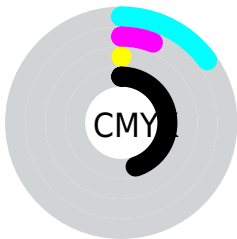
# Distribution



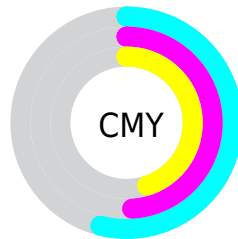
- Red (46%)
- Green (51%)
- Blue (55%)



- Red (46%)
- Yellow (49%)
- Blue (55%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7766923 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 7766923 by changing the saturation by 10% instead.





7766923



7766923

16777215



6122098



11188416



4543065



13030620



3095362



14872825



1713452

16711679



4119



0



7766923



7766923



6848139



8685707



5929099



9604747

■ 5010315

■ 10523531

■ 4091531

■ 11442315

■ 3238283

■ 12295563

■ 2319243

■ 13214603

■ 1400459

■ 14133387

■ 481675

■ 15052171

■ 22155

■ 15971211

# Harmonies

## Analogous

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



7570567



7766923



8159628

# Triad

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



7766923



9272705



8356727

# Complementary

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



7766923



9141878

# 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.



8749430



7766923



9272955

# Square

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



7766923



9010822



9142135



7898236

# Rectangle

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



7766923



8487051



9142135



8487542



# Sweetspot

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



7766923



11317941



7768958



5659228



14408667



6052956



# Same Dimension

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



7766923



9742773



7764363



4080197



21125



773



# Inverse Universe

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



9139843



11900073



9144438



4537922



8716370



327683



# Previews

## White Background



This preview shows how the Decimal color 7766923 looks on a white background.

## Color Contrast Check

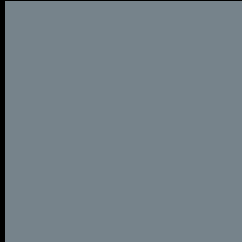
Large Text (above 18pt) WCAG AA ✓ Pass

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 7766923 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

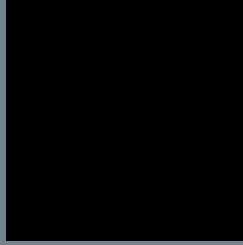
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

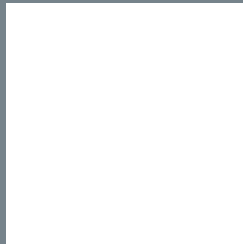
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7766923 Background



This preview shows how black text looks on a background with the Decimal color 7766923.



This preview shows how white text looks on a background with the Decimal color 7766923.

# 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**

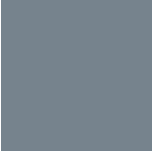
7766923

**Protanopia**

8487049

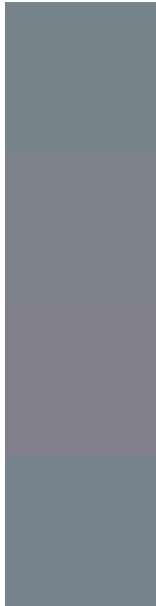
**Deuteranopia**

8945036



**Tritanopia**  
7766925

# Trichromacy



**Original Color**

7766923

**Protanomaly**

8225162

**Deuteranomaly**

8486796

**Tritanomaly**

7766924

# Monochromacy



**Original Color**

7766923

**Achromatopsia**

8421504

**Achromatomaly**

8159620

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7766923 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 #76838B looks like.

```
.text, #text, p{  
    color:#76838B  
}
```

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 #76838B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76838B
}
```

## Border

The CSS property to change the border of an element to Decimal 7766923 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
#76838B }
```

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

```
.border{ border-color:#76838B }
```

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

Here you see how a box with a 4 pixel #76838B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76838B; -webkit-box-shadow:4px 4px  
4px 4px #76838B; box-shadow:4px 4px 4px  
4px #76838B }
```

# Background

The CSS property to change the background color of an element to Decimal 7766923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76838B }
```

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

```
.background{ background-color:#76838B }
```

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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