

Converting Colors

Decimal(7762846)

Have a look what the booklet for
Decimal(7762846) contains.

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Color

Decimal(7762846)

Conversions

Conversions Part 1

Format	Color
Hex	76739E
RGB	118, 115, 158
RGB Percent	46%, 45%, 62%
CMY	0.5373, 0.5490, 0.3804
CMYK	0.25, 0.27, 0.00, 0.38
HSL	244°, 18%, 54%
HSV	244°, 27%, 62%
XYZ	19.7735, 18.5816, 34.8922
YIQ	120.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

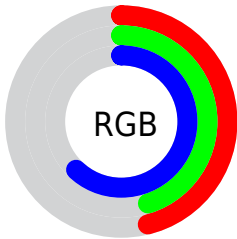
Format	Color
R_{YB}	118, 115, 158
Decimal	7762846
CIE _{Lab}	50.19, 10.95, -22.74
CIE _{LCh}	50, 25.234, 295.714
Yxy	18.5816, 0.2700, 0.2537
Android (android.graphics.Color)	4285952926 (0xFF76739E)
YUV	120.7990, 18.3401, -2.4547
Hunter-Lab	43.1064, 6.4441, -17.8174

Details

The Decimal color **7762846** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10198643**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **11249621**, and **4473706** is the 20% darker color. If you saturate the color by 10%, you get **6775710**, and if you desaturate by 10%, it is **8749982**.

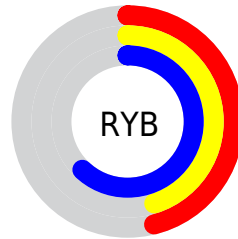
Distribution



Red (46%)

Green (45%)

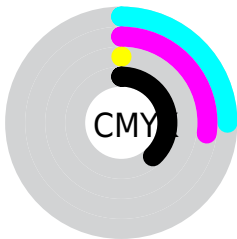
Blue (62%)



Red (46%)

Yellow (45%)

Blue (62%)

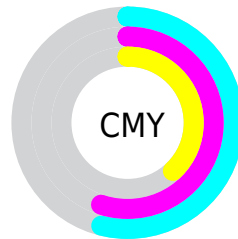


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (38%)



Cyan (54%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7762846 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 7762846 by changing the saturation by 10% instead.



7762846



7762846

16777215



6118020



11249621



4473706



13026033



2960722



14933759



1447995



16776191



65573



270



0



7762846



7762846



6775710



8749982

■ 5854110

■ 9671582

■ 4867230

■ 10658462

■ 3880094

■ 11645598

■ 2958494

■ 12567198

■ 1971358

■ 13554334

■ 984222

■ 14541470

■ 721054

■ 15528350

■ 16449438

Harmonies

Analogous

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



5667490



7762846



9464976

Triad

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



7762846



10120789



4293491

Complementary

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



7762846



10198643

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.



5931359



7762846



9008461

Square

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



7762846



10643558



7568464



3048329

Rectangle

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



7762846



10184835



7568464



4817516

Sweetspot

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



7762846



12566223



7576478



6250089



15263976



6908265

Same Dimension

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



7762846



9407183



9139102



4736847



655503



65551

Inverse Universe

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



10384283



13601482



8822387



5195598



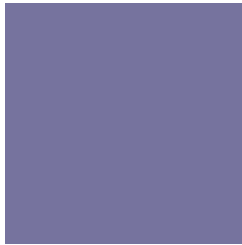
9371781



983054

Previews

White Background



This preview shows how the Decimal color 7762846 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 7762846 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 7762846 Background



This preview shows how black text looks on a background with the Decimal color 7762846.



This preview shows how white text looks on a background with the Decimal color 7762846.

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

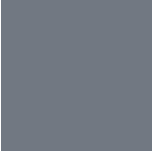
7762846

Protanopia

7042720

Deuteranopia

7239069



Tritanopia
7436418

Trichromacy



Original Color

7762846

Protanomaly

7304607

Deuteranomaly

7435421

Tritanomaly

7566988

Monochromacy



Original Color

7762846

Achromatopsia

7960953

Achromatomaly

7894918

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7762846 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 #76739E looks like.

```
.text, #text, p{  
    color:#76739E  
}
```

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 #76739E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76739E
}
```

Border

The CSS property to change the border of an element to Decimal 7762846 is called "border". The border property can be set on classes, ids or directly on the HTML element.

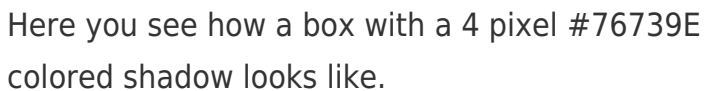
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76739E }
```

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

```
.border{ border-color:#76739E }
```

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



Here you see how a box with a 4 pixel #76739E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76739E; -webkit-box-shadow:4px 4px  
4px 4px #76739E; box-shadow:4px 4px 4px  
4px #76739E }
```

Background

The CSS property to change the background color of an element to Decimal 7762846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76739E }
```

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

```
.background{ background-color:#76739E }
```

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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