

Converting Colors

Decimal(7768252)

Have a look what the booklet for
Decimal(7768252) contains.

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Color

Decimal(7768252)

Conversions

Conversions Part 1

Format	Color
Hex	7688BC
RGB	118, 136, 188
RGB Percent	46%, 53%, 74%
CMY	0.5373, 0.4667, 0.2627
CMYK	0.37, 0.28, 0.00, 0.26
HSL	225°, 34%, 60%
HSV	225°, 37%, 74%
XYZ	25.3525, 25.0907, 51.0837
YIQ	136.5460, -27.4200, 12.3560

Conversions

Conversions Part 2

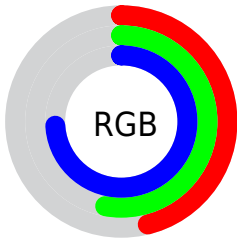
Format	Color
R_{YB}	118, 132, 188
Decimal	7768252
CIE _{Lab}	57.16, 6.50, -29.26
CIE _{LCh}	57, 29.975, 282.518
Yxy	25.0907, 0.2497, 0.2471
Android (android.graphics.Color)	4285958332 (0xFF7688BC)
YUV	136.5460, 25.3668, -16.2648
Hunter-Lab	50.0906, 2.6860, -25.4020

Details

The Decimal color **7768252** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **12364406**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **11320820**, and **4347526** is the 20% darker color. If you saturate the color by 10%, you get **6519484**, and if you desaturate by 10%, it is **9017020**.

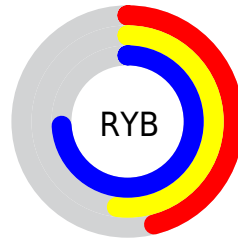
Distribution



Red (46%)

Green (53%)

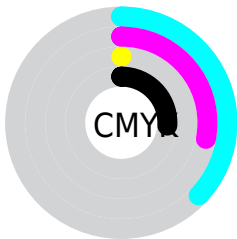
Blue (74%)



Red (46%)

Yellow (52%)

Blue (74%)

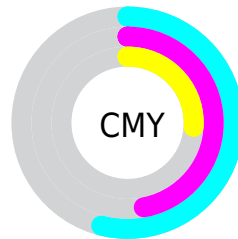


Cyan (37%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (54%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7768252 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 7768252 by changing the saturation by 10% instead.

■ 7768252

■ 7768252

16777215

■ 6057889

■ 11320820

■ 4347526

■ 13163007

■ 2637677

■ 15070719

■ 535124

■ 5693

■ 807

■ 272

■ 0

■ 7768252

■ 7768252

■ 6519484

■ 9017020

■ 5270716

■ 10265788

■ 4087484

■ 11449020

■ 2838716

■ 12697788

■ 1589948

■ 13946556

■ 341180

■ 15195324

■ 12476

■ 16444092

■ 16775356

■ 16777148

Harmonies

Analogous

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



5017787



7768252



10125232

Triad

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



7768252



12089959



5478009

Complementary

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



7768252



12364406

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.



7574114



7768252



11043416

Square

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



7768252



12416383



9472854



3381140

Rectangle

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



7768252



11303330



9472854



6198640

Sweetspot

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



7768252



14344693



7781545



6975354



16448250



8026746

Same Dimension

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



7768252



8889333



8812220



5592926



10654



2079

Inverse Universe

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



12351112



16091043



11320438



6182231



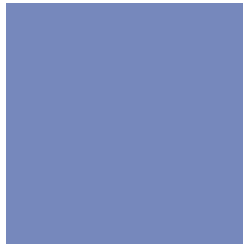
10354729



2031624

Previews

White Background



This preview shows how the Decimal color 7768252 looks on a white background.

Color Contrast Check

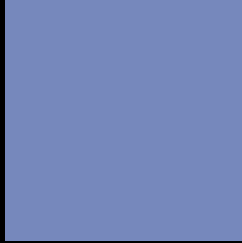
Large Text (above 18pt) WCAG AA ✓ Pass

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 7768252 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

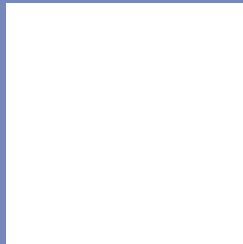
Any Text WCAG AAA × Fail

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

Decimal 7768252 Background



This preview shows how black text looks on a background with the Decimal color 7768252.



This preview shows how white text looks on a background with the Decimal color 7768252.

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

7768252

Protanopia

8030139

Deuteranopia

7964604

Trichromacy



Original Color

7768252

Protanomaly

7964603

Deuteranomaly

7899068

Tritanomaly

7441574

Monochromacy



Original Color

7768252

Achromatopsia

9013641

Achromatomaly

8554908

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7768252 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 #7688BC looks like.

```
.text, #text, p{  
  color:#7688BC  
}
```

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 #7688BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7688BC
}
```

Border

The CSS property to change the border of an element to Decimal 7768252 is called "border". The border property can be set on classes, ids or directly on the HTML element.

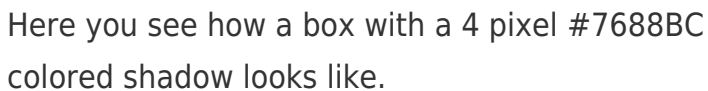
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7688BC }
```

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

```
.border{ border-color:#7688BC }
```

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



Here you see how a box with a 4 pixel #7688BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7688BC; -webkit-box-shadow:4px 4px  
4px 4px #7688BC; box-shadow:4px 4px 4px  
4px #7688BC }
```

Background

The CSS property to change the background color of an element to Decimal 7768252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7688BC }
```

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

```
.background{ background-color:#7688BC }
```

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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