

# Converting Colors

Decimal(7688820)

Have a look what the booklet for  
Decimal(7688820) contains.

|                                                |    |
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# Color

**Decimal(7688820)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 755274                    |
| RGB           | 117, 82, 116              |
| RGB Percent   | 46%, 32%, 45%             |
| CMY           | 0.5412, 0.6784, 0.5451    |
| CMYK          | 0.00, 0.30, 0.01, 0.54    |
| HSL           | 302°, 18%, 39%            |
| HSV           | 302°, 30%, 46%            |
| XYZ           | 13.5058, 11.0774, 17.9493 |
| YIQ           | 96.3410, 9.9460, 17.9940  |

# Conversions

## Conversions Part 2

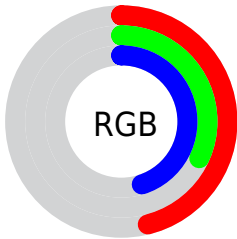
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 117, 82, 116                 |
| Decimal                             | 7688820                      |
| CIE <sub>Lab</sub>                  | 39.71, 20.78, -13.61         |
| CIE <sub>LCh</sub>                  | 40, 24.842, 326.779          |
| Yxy                                 | 11.0774, 0.3175,<br>0.2604   |
| Android<br>(android.graphics.Color) | 4285878900<br>(0xFF755274)   |
| YUV                                 | 96.3410, 9.6919,<br>18.1179  |
| Hunter-Lab                          | 33.2828, 14.1884,<br>-8.6770 |

# Details

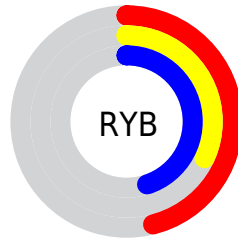
The Decimal color **7688820** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5403987**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **11175080**, and **4465732** is the 20% darker color. If you saturate the color by 10%, you get **7685748**, and if you desaturate by 10%, it is **7691892**.

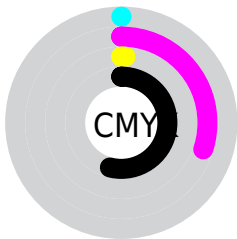
# Distribution



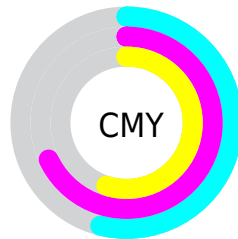
- Red (46%)
- Green (32%)
- Blue (45%)



- Red (46%)
- Yellow (32%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (54%)



- Cyan (54%)
- Magenta (68%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7688820 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 7688820 by changing the saturation by 10% instead.




 7688820

 7688820

16777215

 6044507

 11175080

 4465732

 12951235

 2953005

 14793183

 1769497

 16700924

 0

 16773631

 7688820

 7688820

 7685748

 7691892

 7682931

 7694709

7679859

7697781

7676787

7700853

7673970

7703926

7670898

7706742

7667826

7709814

7712887

7715703

# Harmonies

## Analogous

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



6117762



7688820



8605281

# Triad

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



7688820



7167029



288879

# Complementary

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



7688820



5403987

# 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.



2451547



7688820



5792313

# Square

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



7688820



8213820



4220487



1467775

# Rectangle

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



7688820



8736339



4220487



1009769



# Sweetspot

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



7688820



10062745



5460597



5063756



13421772



5066061



# Same Dimension

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



7688820



10052247



7688803



3880250



7995511



16384243



# Inverse Universe

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



7688820



10052247



5404004



3880250



7995511



16384243



# Previews

## White Background



This preview shows how the Decimal color 7688820 looks on a white background.

## Color Contrast Check

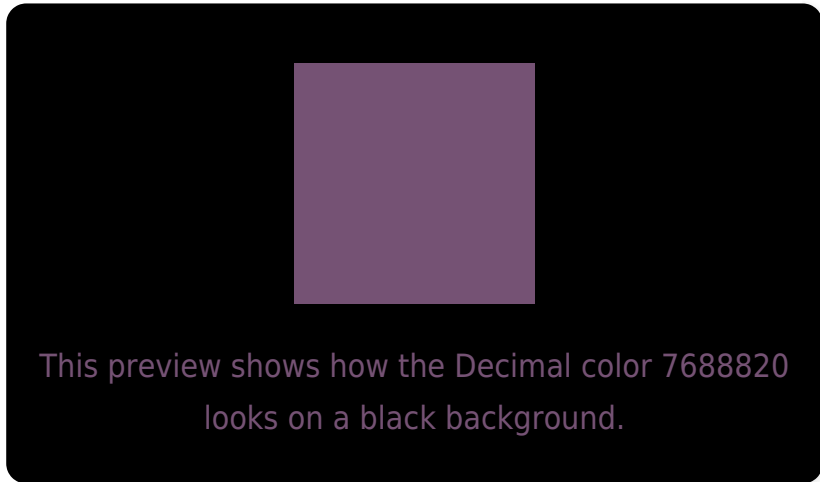
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

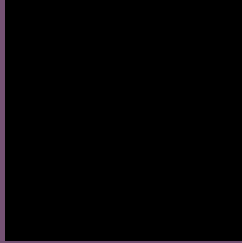
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7688820 Background



This preview shows how black text looks on a background with the Decimal color 7688820.

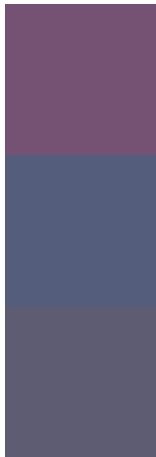


This preview shows how white text looks on a background with the Decimal color 7688820.

# 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**  
7688820

**Protanopia**  
5594492

**Deuteranopia**  
6118514



**Tritanopia**  
7493213

# Trichromacy



**Original Color**  
7688820

**Protanomaly**  
6379897

**Deuteranomaly**  
6707315

**Tritanomaly**  
7558501

# Monochromacy



**Original Color**  
7688820

**Achromatopsia**  
6316128

**Achromatomaly**  
6839143

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7688820 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 #755274 looks like.

```
.text, #text, p{  
    color:#755274  
}
```

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 #755274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #755274
}
```

## Border

The CSS property to change the border of an element to Decimal 7688820 is called "border". The border property can be set on classes, ids or directly on the HTML element.

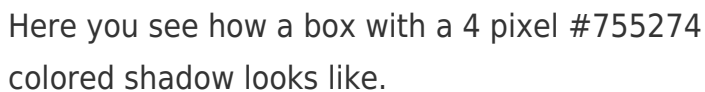
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#755274 }
```

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

```
.border{ border-color:#755274 }
```

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



Here you see how a box with a 4 pixel #755274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #755274; -webkit-box-shadow:4px 4px  
4px 4px #755274; box-shadow:4px 4px 4px  
4px #755274 }
```

# Background

The CSS property to change the background color of an element to Decimal 7688820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#755274 }
```

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

```
.background{ background-color:#755274 }
```

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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