

Converting Colors

Decimal(7674242)

Have a look what the booklet for
Decimal(7674242) contains.

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Color

Decimal(7674242)

Conversions

Conversions Part 1

Format	Color
Hex	751982
RGB	117, 25, 130
RGB Percent	46%, 10%, 51%
CMY	0.5412, 0.9020, 0.4902
CMYK	0.10, 0.81, 0.00, 0.49
HSL	293°, 68%, 30%
HSV	293°, 81%, 51%
XYZ	11.7130, 6.0889, 21.6770
YIQ	64.4780, 21.1270, 52.1590

Conversions

Conversions Part 2

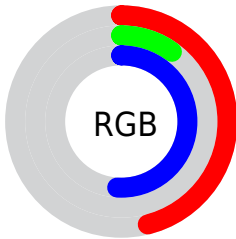
Format	Color
R_{YB}	117, 25, 130
Decimal	7674242
CIE _{Lab}	29.64, 52.11, -38.10
CIE _{LCh}	30, 64.554, 323.829
Yxy	6.0889, 0.2967, 0.1542
Android (android.graphics.Color)	4285864322 (0xFF751982)
YUV	64.4780, 32.3023, 46.0618
Hunter-Lab	24.6756, 41.5478, -34.8120

Details

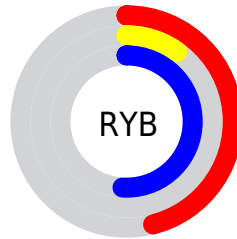
The Decimal color **7674242** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2523673**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **11293112**, and **4194384** is the 20% darker color. If you saturate the color by 10%, you get **7539842**, and if you desaturate by 10%, it is **7808642**.

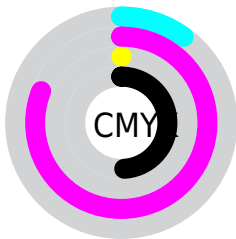
Distribution



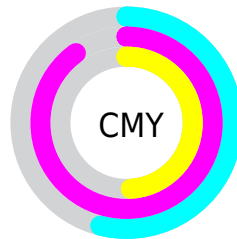
- Red (46%)
- Green (10%)
- Blue (51%)



- Red (46%)
- Yellow (10%)
- Blue (51%)



- Cyan (10%)
- Magenta (81%)
- Yellow (0%)
- Black (49%)



- Cyan (54%)
- Magenta (90%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7674242 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 7674242 by changing the saturation by 10% instead.

7674242

7674242

16777215

5898344

11293112

4194384

13200595

2752569

15107824

34

16753407

7

16760575

0

16767743

16775423

7674242

7674242

■ 7539842

■ 7808642

■ 7471234

■ 7877506

■ 8011906

■ 8080770

■ 8215170

■ 8349570

■ 8418434

■ 8552834

■ 8621698

Harmonies

Analogous

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



343715



7674242



9764946

Triad

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



7674242



6242304



23149

Complementary

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



7674242



2523673

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.



22842



7674242



3100416

Square

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



7674242



8594688



22016



22679

Rectangle

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



7674242



10027058



22016



23133

Sweetspot

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



7674242



10715304



1648514



5323860



13948116



5526612

Same Dimension

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



7674242



9700776



8526171



4143424



7340160



0

Inverse Universe

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



8526118



11011353



1671744



4208954



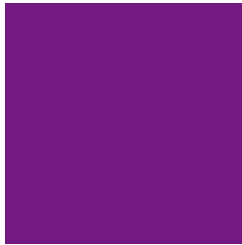
8388624



0

Previews

White Background



This preview shows how the Decimal color 7674242 looks on a white background.

Color Contrast Check

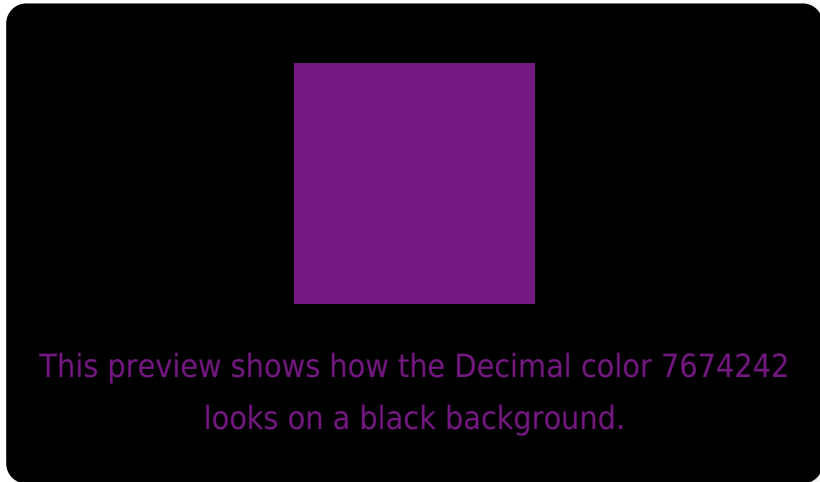
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

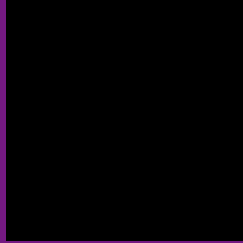
Any Text WCAG AA × Fail

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 7674242 Background



This preview shows how black text looks on a background with the Decimal color 7674242.

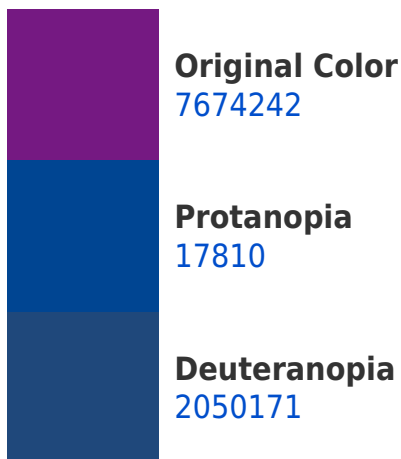


This preview shows how white text looks on a background with the Decimal color 7674242.

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



Trichromacy



Original Color

7674242



Protanomaly

2831756



Deuteranomaly

4077438



Tritanomaly

7285845

Monochromacy



Original Color

7674242



Achromatopsia

4210752



Achromatomaly

5452376

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7674242 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 #751982 looks like.

```
.text, #text, p{  
    color:#751982  
}
```

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 #751982 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #751982
}
```

Border

The CSS property to change the border of an element to Decimal 7674242 is called "border". The border property can be set on classes, ids or directly on the HTML element.

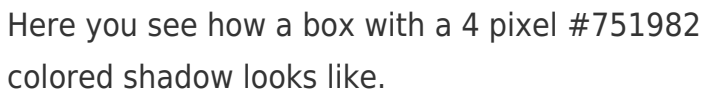
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#751982 }
```

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

```
.border{ border-color:#751982 }
```

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



Here you see how a box with a 4 pixel #751982 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #751982; -webkit-box-shadow:4px 4px  
4px 4px #751982; box-shadow:4px 4px 4px  
4px #751982 }
```

Background

The CSS property to change the background color of an element to Decimal 7674242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#751982 }
```

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

```
.background{ background-color:#751982 }
```

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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