

# Converting Colors

Decimal(7493751)

Have a look what the booklet for  
Decimal(7493751) contains.

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**Color**

**Decimal(7493751)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	725877
RGB	114, 88, 119
RGB Percent	45%, 35%, 47%
CMY	0.5529, 0.6549, 0.5333
CMYK	0.04, 0.26, 0.00, 0.53
HSL	290°, 15%, 41%
HSV	290°, 26%, 47%
XYZ	13.7589, 11.8888, 19.0223
YIQ	99.3080, 5.5450, 15.1530

# Conversions

## Conversions Part 2

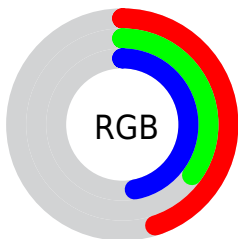
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 88, 119
Decimal	7493751
CIE <sub>Lab</sub>	41.04, 16.68, -13.46
CIE <sub>LCh</sub>	41, 21.433, 321.087
Yxy	11.8888, 0.3080, 0.2661
Android (android.graphics.Color)	4285683831 (0xFF725877)
YUV	99.3080, 9.7082, 12.8849
Hunter-Lab	34.4801, 10.8885, -8.5737

# Details

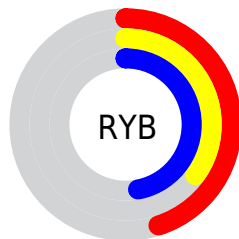
The Decimal color **7493751** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **6125400**, and the grayscale version is **6513507**.

A 20% lighter version of the original color is **10914475**, and **4336199** is the 20% darker color. If you saturate the color by 10%, you get **7359607**, and if you desaturate by 10%, it is **7627895**.

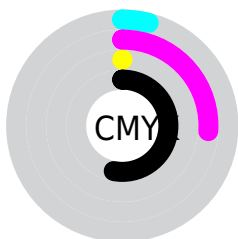
# Distribution



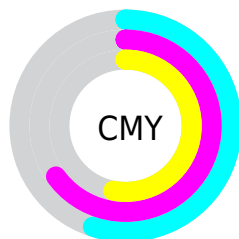
- Red (45%)
- Green (35%)
- Blue (47%)



- Red (45%)
- Yellow (35%)
- Blue (47%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (65%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7493751 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 7493751 by changing the saturation by 10% instead.



■ 7493751

■ 7493751

16777215

■ 5849182

■ 10914475

■ 4336199

■ 12690887

■ 2823472

■ 14532835

■ 1638428

■ 16440575

■ 0

■ 16775423

■ 7493751

■ 7493751

■ 7359607

■ 7627895

■ 7225463

■ 7762039

7091319

7896183

6957175

8030327

6823031

8164215

6689143

8298359

6620535

8366967

6553719

8501111

8635255

# Harmonies

## Analogous

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



6053505



7493751



8410215

# Triad

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



7493751



7495230



2583149

# Complementary

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



7493751



6125400

# 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.



3631707



7493751



6317120

# Square

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



7493751



8280134



5007434



2779260

# Rectangle

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



7493751



8672347



5007434



2845287



# Sweetspot

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



7493751



10129308



5791095



5130063



13619151



5197647



# Same Dimension

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



7493751



9726876



7821421



3814715



6750330



13762810



# Inverse Universe

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



7821405



10251123



5797730



3880246



7995412



16384040



# Previews

## White Background



This preview shows how the Decimal color 7493751 looks on a white background.

## Color Contrast Check

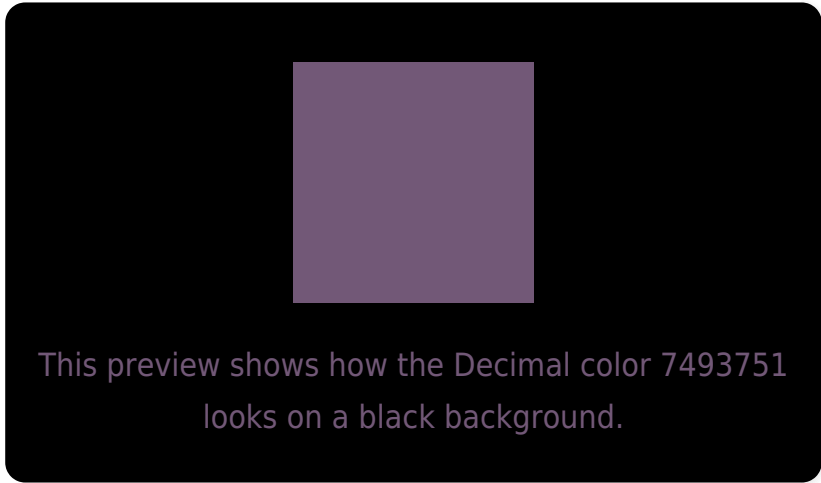
Large Text (above 18pt) WCAG AA ✓ Pass

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

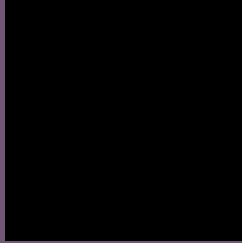
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7493751 Background



This preview shows how black text looks on a background with the Decimal color 7493751.



This preview shows how white text looks on a background with the Decimal color 7493751.

# 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**  
7493751

**Protanopia**  
5922941

**Deuteranopia**  
6315894



**Tritanopia**  
7298147

# Trichromacy



**Original Color**  
7493751

**Protanomaly**  
6511995

**Deuteranomaly**  
6773878

**Tritanomaly**  
7363434

# Monochromacy



**Original Color**  
7493751

**Achromatopsia**  
6513507

**Achromatomaly**  
6840170

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7493751 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 #725877 looks like.

```
.text, #text, p{  
    color:#725877  
}
```

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 #725877 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #725877  
}
```

## Border

The CSS property to change the border of an element to Decimal 7493751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

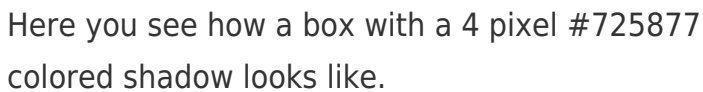
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#725877 }
```

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

```
.border{ border-color:#725877 }
```

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



Here you see how a box with a 4 pixel #725877 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #725877; -webkit-box-shadow:4px 4px  
4px 4px #725877; box-shadow:4px 4px 4px  
4px #725877 }
```

# Background

The CSS property to change the background color of an element to Decimal 7493751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#725877 }
```

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

```
.background{ background-color:#725877 }
```

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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