

# Converting Colors

Decimal(7493342)

Have a look what the booklet for  
Decimal(7493342) contains.

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# Color

**Decimal(7493342)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7256DE
RGB	114, 86, 222
RGB Percent	45%, 34%, 87%
CMY	0.5529, 0.6627, 0.1294
CMYK	0.49, 0.61, 0.00, 0.13
HSL	252°, 67%, 60%
HSV	252°, 61%, 87%
XYZ	23.4520, 15.5069, 70.8643
YIQ	109.8760, -26.9680, 48.2320

# Conversions

## Conversions Part 2

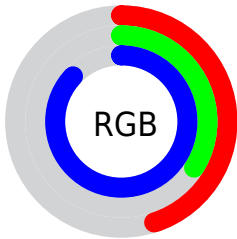
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 86, 222
Decimal	7493342
CIE <sub>Lab</sub>	46.32, 44.98, -65.87
CIE <sub>LCh</sub>	46, 79.765, 304.328
Yxy	15.5069, 0.2135, 0.1412
Android (android.graphics.Color)	4285683422 (0xFF7256DE)
YUV	109.8760, 55.2771, 3.6167
Hunter-Lab	39.3788, 37.3927, -79.1304

# Details

The Decimal color **7493342** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **12770902**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **11373055**, and **3352230** is the 20% darker color. If you saturate the color by 10%, you get **6308062**, and if you desaturate by 10%, it is **8678622**.

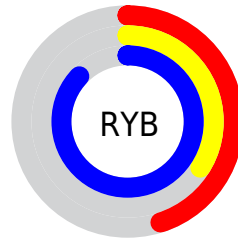
# Distribution



Red (45%)

Green (34%)

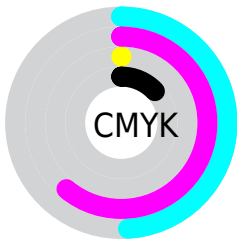
Blue (87%)



Red (45%)

Yellow (34%)

Blue (87%)

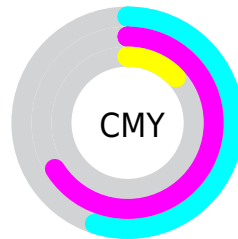


Cyan (49%)

Magenta (61%)

Yellow (0%)

Black (13%)



Cyan (55%)

Magenta (66%)


















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7493342 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 7493342 by changing the saturation by 10% instead.



 7493342	 7493342
 16777215	 5521090
 11373055	 3352230
 13280511	 3979
 15253503	 112
 16767999	 87
 16775423	 1599
	 808
	 273
	 0

■ 7493342

■ 7493342

■ 6308062

■ 8678622

■ 5188318

■ 9798366

■ 4002782

■ 10983902

■ 3014878

■ 12169182

■ 13288926

■ 14474206

■ 15593950

■ 16777182

# Harmonies

## Analogous

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



29942



7493342



12722857

# Triad

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



7493342



11686656



35190

# Complementary

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



7493342



12770902

# 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.



34350



7493342



8285952

# Square

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



7493342



13968166



3309056



35256

# Rectangle

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



7493342



14221438



3309056



34911



# Sweetspot

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



7493342



14406143



5686238



6906752



0



8421504



# Same Dimension

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



7493342



6898431



11884254



6776176



2359472



655408



# Inverse Universe

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



14571202



16728792



8379990



7365998



11534476

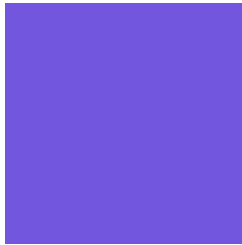


3145766



# Previews

## White Background



This preview shows how the Decimal color 7493342 looks on a white background.

## Color Contrast Check

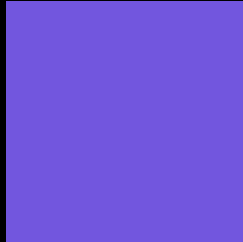
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 7493342 looks on a 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 7493342 Background



This preview shows how black text looks on a background with the Decimal color 7493342.




This preview shows how white text looks on a background with the Decimal color 7493342.

# 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





**Tritanopia**  
5665403

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7493342 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 #7256DE looks like.

```
.text, #text, p{  
    color:#7256DE  
}
```

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 #7256DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7256DE
}
```

## Border

The CSS property to change the border of an element to Decimal 7493342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

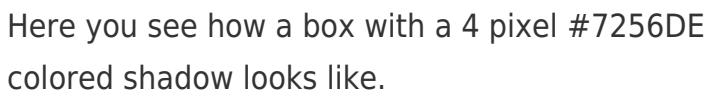
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7256DE }
```

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

```
.border{ border-color:#7256DE }
```

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



Here you see how a box with a 4 pixel #7256DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7256DE; -webkit-box-shadow:4px 4px  
4px 4px #7256DE; box-shadow:4px 4px 4px  
4px #7256DE }
```

# Background

The CSS property to change the background color of an element to Decimal 7493342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7256DE }
```

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

```
.background{ background-color:#7256DE }
```

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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