

# Converting Colors

Decimal(7432337)

Have a look what the booklet for  
Decimal(7432337) contains.

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# Color

**Decimal(7432337)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	716891
RGB	113, 104, 145
RGB Percent	44%, 41%, 57%
CMY	0.5569, 0.5922, 0.4314
CMYK	0.22, 0.28, 0.00, 0.43
HSL	253°, 16%, 49%
HSV	253°, 28%, 57%
XYZ	16.8712, 15.4557, 28.8821
YIQ	111.3650, -7.7970, 14.6590

# Conversions

## Conversions Part 2

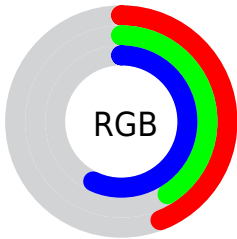
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 104, 145
Decimal	7432337
CIE <sub>Lab</sub>	46.25, 12.67, -21.17
CIE <sub>LCh</sub>	46, 24.676, 300.899
Yxy	15.4557, 0.2756, 0.2525
Android (android.graphics.Color)	4285622417 (0xFF716891)
YUV	111.3650, 16.5821, 1.4339
Hunter-Lab	39.3137, 7.8030, -16.0382

# Details

The Decimal color **7432337** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8950120**, and the grayscale version is **7303023**.

A 20% lighter version of the original color is **10853319**, and **4208990** is the 20% darker color. If you saturate the color by 10%, you get **6707857**, and if you desaturate by 10%, it is **8156817**.

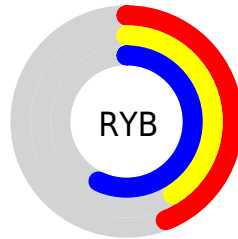
# Distribution



Red (44%)

Green (41%)

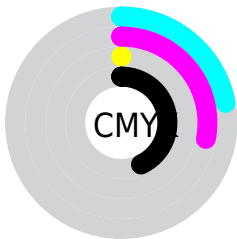
Blue (57%)



Red (44%)

Yellow (41%)

Blue (57%)

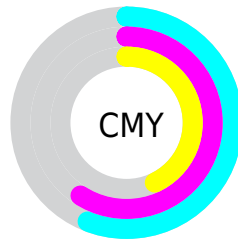


Cyan (22%)

Magenta (28%)

Yellow (0%)

Black (43%)



Cyan (56%)

Magenta (59%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7432337 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 7432337 by changing the saturation by 10% instead.





7432337



7432337

16777215



5787767



10853319



4208990



12695267



2696007



14537471



1249072



16379647



283



0



7432337



7432337



6707857



8156817



5917585



8947089

■ 5192849

■ 9671569

■ 4468369

■ 10396305

■ 3678097

■ 11186577

■ 2953617

■ 11911057

■ 2228881

■ 12635537

■ 2097297

■ 13425809

■ 14150545

# Harmonies

## Analogous

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



5402519



7432337



8937858

# Triad

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



7432337



9200970



3438957

# Complementary

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



7432337



8950120

# 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.



5076825



7432337



8088644

# Square

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



7432337



9789529



6648650



2324610

# Rectangle

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



7432337



9592437



6648650



3962982



# Sweetspot

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



7432337



11644605



6850705



5723486



14606046



6184542



# Same Dimension

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



7432337



9141693



8743057



4341831



1966215



131080



# Inverse Universe

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



9529480



12418479



7639400



4669510



8847465



524294



# Previews

## White Background



This preview shows how the Decimal color 7432337 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 7432337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

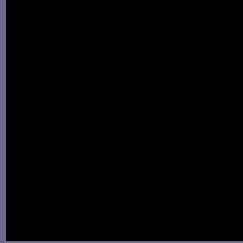
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7432337 Background



This preview shows how black text looks on a background with the Decimal color 7432337.



This preview shows how white text looks on a background with the Decimal color 7432337.

# 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**


7432337

**Protanopia**

6450324

**Deuteranopia**

6646928



**Tritanopia**  
7105910

# Trichromacy



**Original Color**  
7432337

**Protanomaly**  
6777747

**Deuteranomaly**  
6908816

**Tritanomaly**  
7236480

# Monochromacy



**Original Color**  
7432337

**Achromatopsia**  
7303023

**Achromatomaly**  
7367803

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7432337 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 #716891 looks like.

```
.text, #text, p{  
    color:#716891  
}
```

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 #716891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #716891
}
```

## Border

The CSS property to change the border of an element to Decimal 7432337 is called "border". The border property can be set on classes, ids or directly on the HTML element.

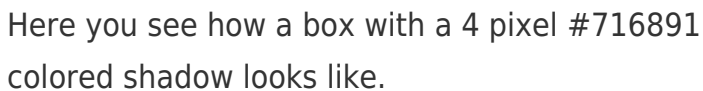
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#716891 }
```

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

```
.border{ border-color:#716891 }
```

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



Here you see how a box with a 4 pixel #716891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #716891; -webkit-box-shadow:4px 4px  
4px 4px #716891; box-shadow:4px 4px 4px  
4px #716891 }
```

# Background

The CSS property to change the background color of an element to Decimal 7432337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#716891 }
```

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

```
.background{ background-color:#716891 }
```

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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