

# Converting Colors

Decimal(4337259)

Have a look what the booklet for  
Decimal(4337259) contains.

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# Color

**Decimal(4337259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	422E6B
RGB	66, 46, 107
RGB Percent	26%, 18%, 42%
CMY	0.7412, 0.8196, 0.5804
CMYK	0.38, 0.57, 0.00, 0.58
HSL	260°, 40%, 30%
HSV	260°, 57%, 42%
XYZ	5.8776, 4.1738, 14.4058
YIQ	58.9340, -7.6610, 23.2110

# Conversions

## Conversions Part 2

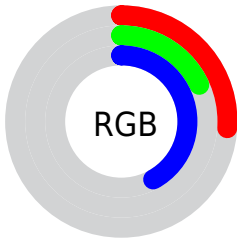
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 46, 107
Decimal	4337259
CIELab	24.24, 24.28, -32.54
CIELCh	24, 40.599, 306.737
Yxy	4.1738, 0.2403, 0.1707
Android (android.graphics.Color)	4282527339 (0xFF422E6B)
YUV	58.9340, 23.6965, 6.1969
Hunter-Lab	20.4298, 15.6018, -27.5065

# Details

The Decimal color **4337259** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5729070**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **7691679**, and **1179963** is the 20% darker color. If you saturate the color by 10%, you get **3875691**, and if you desaturate by 10%, it is **4798827**.

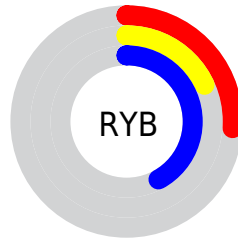
# Distribution



Red (26%)

Green (18%)

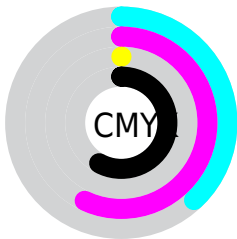
Blue (42%)



Red (26%)

Yellow (18%)

Blue (42%)

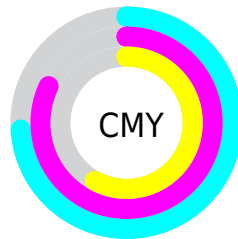


Cyan (38%)

Magenta (57%)

Yellow (0%)

Black (58%)



Cyan (74%)

Magenta (82%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4337259 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 4337259 by changing the saturation by 10% instead.



■ 4337259

■ 4337259

16777215

■ 2758738

■ 7691679

■ 1179963

■ 9401786

■ 549

■ 11177942

■ 269

■ 13019890

■ 0

■ 14861823

■ 16769535

16776959

■ 4337259

■ 4337259

■ 3875691

■ 4798827

■ 3414379

■ 5260139

■ 2887275

■ 5787243

■ 2425707

■ 6248811

■ 2293867

■ 6710379

■ 7171691

■ 7633259

■ 8160363

■ 8621675

# Harmonies

## Analogous

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



15223



4337259



6495826

# Triad

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



4337259



5910272



18240

# Complementary

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



4337259



5729070

# 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.



17952



4337259



4274688

# Square

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



4337259



6955031



2114048



18270

# Rectangle

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



4337259



7149118



2114048



18229



# Sweetspot

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



4337259



8156300



3037291



4077895



13092807



4671303



# Same Dimension

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



4337259



4992396



6303339



3289142



2490485



5243125



# Inverse Universe

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



7024215



9186669



3762990



3551284



7667791



16056485



# Previews

## White Background



This preview shows how the Decimal color 4337259 looks on a white background.

## Color Contrast Check

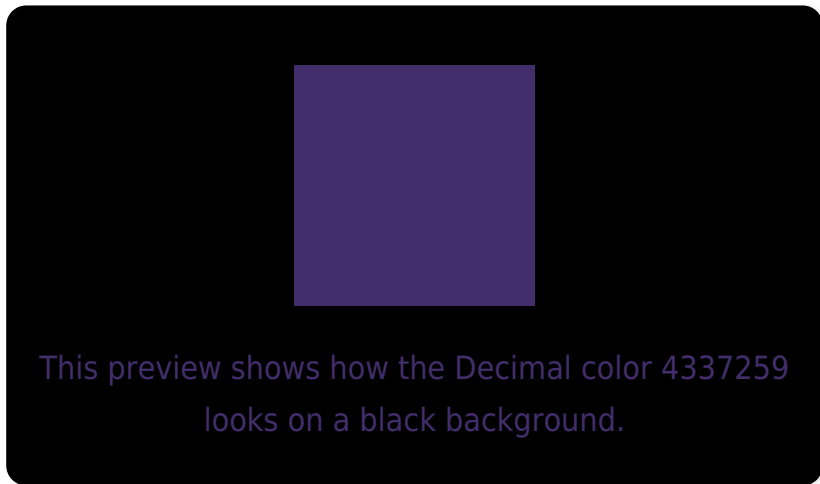
Large Text (above 18pt) WCAG AA ✓ Pass

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

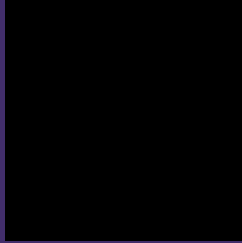
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4337259 Background



This preview shows how black text looks on a background with the Decimal color 4337259.

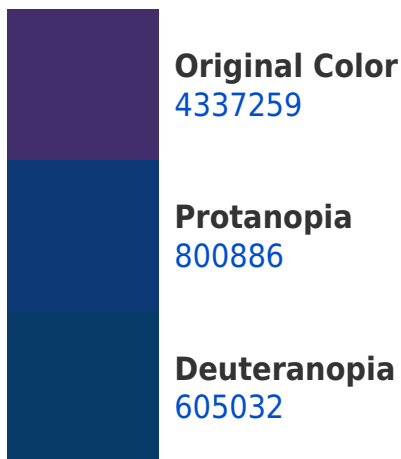


This preview shows how white text looks on a background with the Decimal color 4337259.

# 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**  
3684926

# Trichromacy



**Original Color**  
4337259

**Protanomaly**  
2110578

**Deuteranomaly**  
1980009

**Tritanomaly**  
3946062

# Monochromacy



**Original Color**  
4337259

**Achromatopsia**  
3881787

**Achromatomaly**  
4077132

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4337259 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 #422E6B looks like.

```
.text, #text, p{  
    color:#422E6B  
}
```

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 #422E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422E6B
}
```

## Border

The CSS property to change the border of an element to Decimal 4337259 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
#422E6B }
```

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

```
.border{ border-color:#422E6B }
```

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

Here you see how a box with a 4 pixel #422E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422E6B; -webkit-box-shadow:4px 4px  
4px 4px #422E6B; box-shadow:4px 4px 4px  
4px #422E6B }
```

# Background

The CSS property to change the background color of an element to Decimal 4337259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422E6B }
```

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

```
.background{ background-color:#422E6B }
```

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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