

# Converting Colors

Decimal(4333419)

Have a look what the booklet for  
Decimal(4333419) contains.

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# Color

**Decimal(4333419)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	421F6B
RGB	66, 31, 107
RGB Percent	26%, 12%, 42%
CMY	0.7412, 0.8784, 0.5804
CMYK	0.38, 0.71, 0.00, 0.58
HSL	268°, 55%, 27%
HSV	268°, 71%, 42%
XYZ	5.3906, 3.1998, 14.2434
YIQ	50.1290, -3.5360, 31.0560

# Conversions

## Conversions Part 2

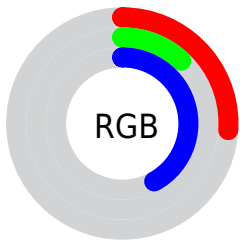
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 31, 107
Decimal	4333419
CIELab	20.83, 33.37, -38.03
CIElCh	21, 50.595, 311.262
Yxy	3.1998, 0.2361, 0.1401
Android (android.graphics.Color)	4282523499 (0xFF421F6B)
YUV	50.1290, 28.0374, 13.9189
Hunter-Lab	17.8879, 22.4880, -34.6888

# Details

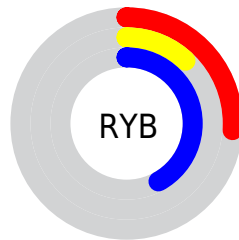
The Decimal color **4333419** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4746015**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **7753375**, and **1376315** is the 20% darker color. If you saturate the color by 10%, you get **3937387**, and if you desaturate by 10%, it is **4729451**.

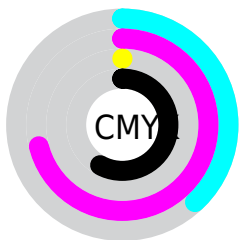
# Distribution



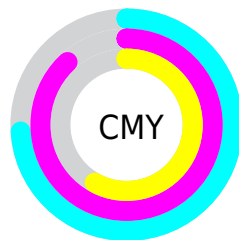
- Red (26%)
- Green (12%)
- Blue (42%)



- Red (26%)
- Yellow (12%)
- Blue (42%)



- Cyan (38%)
- Magenta (71%)
- Yellow (0%)
- Black (58%)



- Cyan (74%)
- Magenta (88%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4333419 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 4333419 by changing the saturation by 10% instead.





4333419



4333419

16777215



2688850



7753375



1376315



9463738



548



11305174



12



13146867



0



14989055



16765439



16772863



4333419



4333419

■ 3937387

■ 4729451

■ 3541611

■ 5125227

■ 3211371

■ 5455723

■ 5851755

■ 6247787

■ 6643563

■ 6974059

■ 7370091

■ 7765867

# Harmonies

## Analogous

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



13181



4333419



6684747

# Triad

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



4333419



5318400



16704

# Complementary

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



4333419



4746015

# 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.



16408



4333419



3290368

# Square

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



4333419



6819072



15360



16739

# Rectangle

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



4333419



7274546



15360



16691



# Sweetspot

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



4333419



8155020



2050411



4077127



13092807



4671303



# Same Dimension

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



4333419



4986252



6758251



3354678



3539061



7405813



# Inverse Universe

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



7020360



9180501



2321183



3551283



7667775

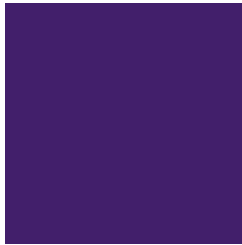


16056452



# Previews

## White Background



This preview shows how the Decimal color 4333419 looks on a white background.

## Color Contrast Check

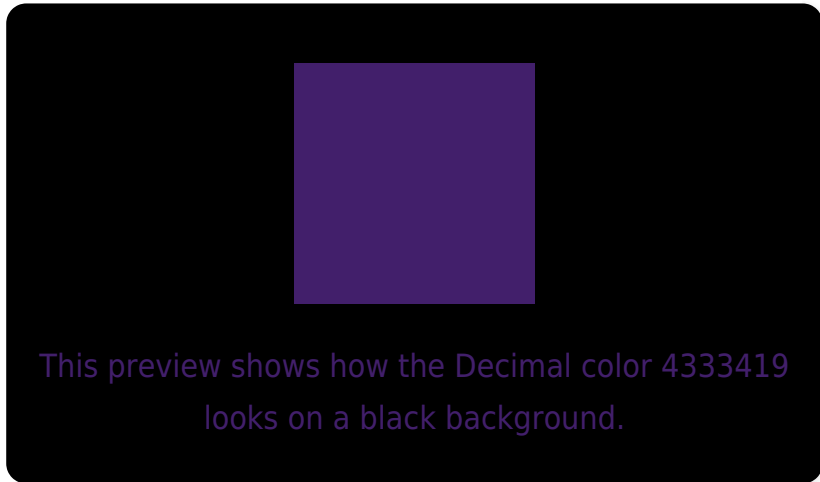
Large Text (above 18pt) WCAG AA ✓ Pass

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

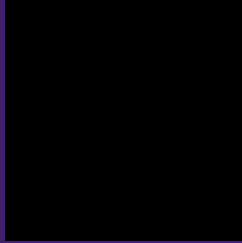
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4333419 Background



This preview shows how black text looks on a background with the Decimal color 4333419.



This preview shows how white text looks on a background with the Decimal color 4333419.

# 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**  
3617077

# Trichromacy



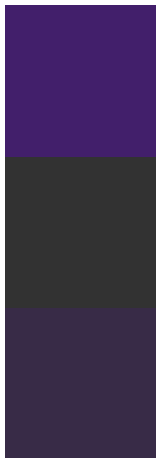
**Original Color**  
4333419

**Protanomaly**  
1583721

**Deuteranomaly**  
1584224

**Tritanomaly**  
3877449

# Monochromacy



**Original Color**  
4333419

**Achromatopsia**  
3289650

**Achromatomaly**  
3681095

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4333419 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 #421F6B looks like.

```
.text, #text, p{  
    color:#421F6B  
}
```

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 #421F6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #421F6B
}
```

## Border

The CSS property to change the border of an element to Decimal 4333419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

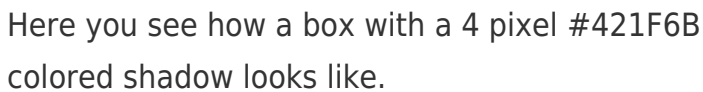
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#421F6B }
```

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

```
.border{ border-color:#421F6B }
```

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



Here you see how a box with a 4 pixel #421F6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #421F6B; -webkit-box-shadow:4px 4px  
4px 4px #421F6B; box-shadow:4px 4px 4px  
4px #421F6B }
```

# Background

The CSS property to change the background color of an element to Decimal 4333419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#421F6B }
```

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

```
.background{ background-color:#421F6B }
```

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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