

# Converting Colors

Decimal(4404321)

Have a look what the booklet for  
Decimal(4404321) contains.

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# Color

**Decimal(4404321)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	433461
RGB	67, 52, 97
RGB Percent	26%, 20%, 38%
CMY	0.7373, 0.7961, 0.6196
CMYK	0.31, 0.46, 0.00, 0.62
HSL	260°, 30%, 29%
HSV	260°, 46%, 38%
XYZ	5.7004, 4.5123, 11.8798
YIQ	61.6150, -5.5050, 17.1750

# Conversions

## Conversions Part 2

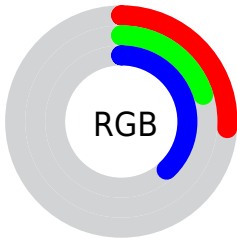
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 52, 97
Decimal	4404321
CIELab	25.30, 17.71, -24.37
CIELCh	25, 30.121, 306.010
Yxy	4.5123, 0.2580, 0.2042
Android (android.graphics.Color)	4282594401 (0xFF433461)
YUV	61.6150, 17.4448, 4.7226
Hunter-Lab	21.2423, 10.7268, -18.2885

# Details

The Decimal color **4404321** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5398836**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **7627668**, and **1444146** is the 20% darker color. If you saturate the color by 10%, you get **4008545**, and if you desaturate by 10%, it is **4800097**.

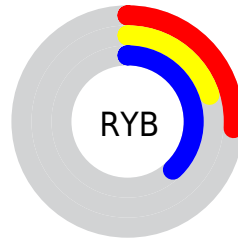
# Distribution



 Red (26%)

 Green (20%)

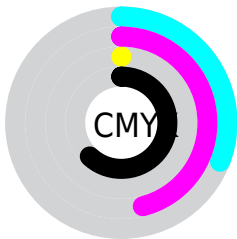
 Blue (38%)



 Red (26%)

 Yellow (20%)

 Blue (38%)

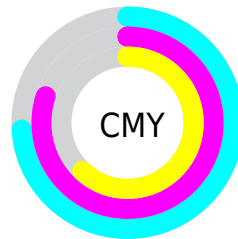


 Cyan (31%)

 Magenta (46%)

 Yellow (0%)

 Black (62%)



 Cyan (74%)

 Magenta (80%)

 Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4404321 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 4404321 by changing the saturation by 10% instead.





4404321



4404321

16777215



2891593



7627668



1444146



9338031



541



11114186



0



12955878



14798079



16705791



4404321



4404321



4008545



4800097

■ 3547489

■ 5261153

■ 3151713

■ 5656929

■ 2690401

■ 6118241

■ 2294881

■ 6514017

■ 2097249

■ 6975073

■ 7370849

■ 7832161

■ 8227681

# Harmonies

## Analogous

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



1326441



4404321



5974863

# Triad

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



4404321



5714961



18240

# Complementary

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



4404321



5398836

# 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.



149033



4404321



4471818

# Square

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



4404321



6499106



2900501



18006

# Rectangle

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



4404321



6498112



2900501



18232



# Sweetspot

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



4404321



7433085



3428961



3749184



12566463



4210752



# Same Dimension

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



4404321



5126013



5911649



2960432



2424944



5243120



# Inverse Universe

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



6370386



8206182



3957044



3157039



7340107



15728800



# Previews

## White Background



This preview shows how the Decimal color 4404321 looks on a white background.

## Color Contrast Check

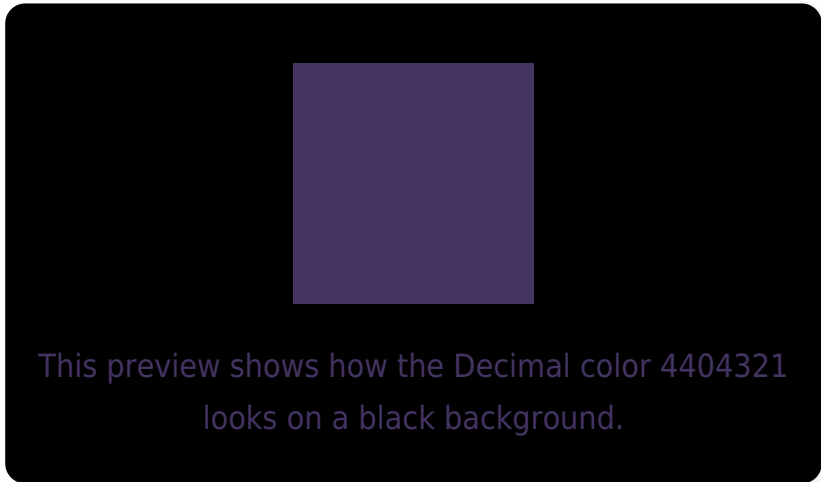
Large Text (above 18pt) WCAG AA ✓ Pass

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

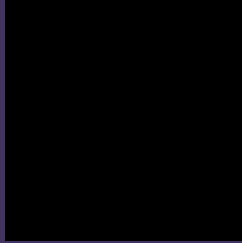
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4404321 Background



This preview shows how black text looks on a background with the Decimal color 4404321.



This preview shows how white text looks on a background with the Decimal color 4404321.

# 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**  
4404321

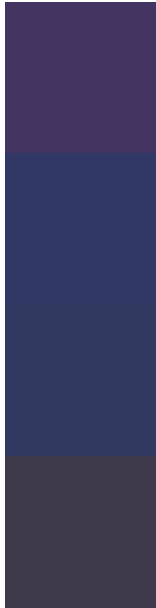
**Protanopia**  
2702183

**Deuteranopia**  
2702431



**Tritanopia**  
4013120

# Trichromacy



**Original Color**  
4404321

**Protanomaly**  
3291237

**Deuteranomaly**  
3291488

**Tritanomaly**  
4143436

# Monochromacy



**Original Color**  
4404321

**Achromatopsia**  
4079166

**Achromatomaly**  
4209227

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4404321 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 #433461 looks like.

```
.text, #text, p{  
    color:#433461  
}
```

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 #433461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #433461
}
```

## Border

The CSS property to change the border of an element to Decimal 4404321 is called "border". The border property can be set on classes, ids or directly on the HTML element.

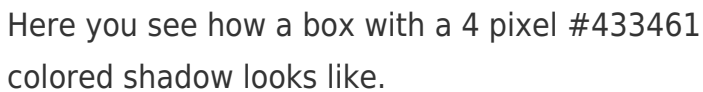
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#433461 }
```

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

```
.border{ border-color:#433461 }
```

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



Here you see how a box with a 4 pixel #433461 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #433461; -webkit-box-shadow:4px 4px  
4px 4px #433461; box-shadow:4px 4px 4px  
4px #433461 }
```

# Background

The CSS property to change the background color of an element to Decimal 4404321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#433461 }
```

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

```
.background{ background-color:#433461 }
```

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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