

# Converting Colors

Decimal(4001377)

Have a look what the booklet for  
Decimal(4001377) contains.

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**Color**

**Decimal(4001377)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D0E61
RGB	61, 14, 97
RGB Percent	24%, 5%, 38%
CMY	0.7608, 0.9451, 0.6196
CMYK	0.37, 0.86, 0.00, 0.62
HSL	274°, 75%, 22%
HSV	274°, 86%, 38%
XYZ	4.2392, 2.1692, 11.5045
YIQ	37.5150, 1.3690, 35.7770

# Conversions

## Conversions Part 2

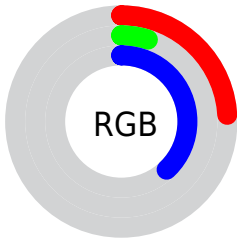
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 14, 97
Decimal	4001377
CIELab	16.35, 37.87, -38.77
CIElCh	16, 54.199, 314.326
Yxy	2.1692, 0.2367, 0.1211
Android (android.graphics.Color)	4282191457 (0xFF3D0E61)
YUV	37.5150, 29.3261, 20.5963
Hunter-Lab	14.7284, 25.6020, -36.0025




# Details

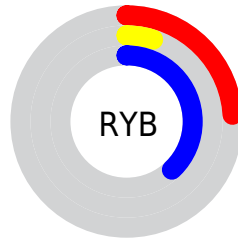
The Decimal color **4001377** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3301646**, and the grayscale version is **2434341**.




A 20% lighter version of the original color is **7421844**, and **589874** is the 20% darker color. If you saturate the color by 10%, you get **3736673**, and if you desaturate by 10%, it is **4266081**.

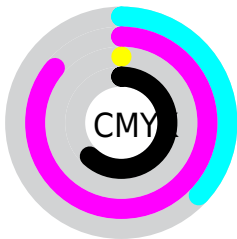
# Distribution







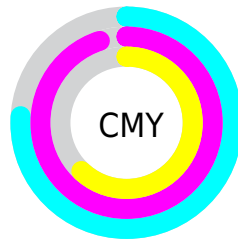
-  Red (24%)
-  Green (5%)
-  Blue (38%)






-  Red (24%)
-  Yellow (5%)
-  Blue (38%)



-  Cyan (37%)
-  Magenta (86%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (76%)
-  Magenta (95%)
-  Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4001377 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 4001377 by changing the saturation by 10% instead.



■ 4001377

■ 4001377

■ 16775935

■ 2359369

■ 7421844

■ 589874

■ 9132207

■ 284

■ 10973643

■ 0

■ 12815335

■ 14657279

■ 16564735

■ 16768511

■ 4001377

■ 4001377

■ 3736673

■ 4266081

■ 3604577

■ 4530529

■ 4860769

■ 5125473

■ 5390177

■ 5654625

■ 5919329

■ 6249569

■ 6514017

# Harmonies

## Analogous

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



10358



4001377



6291518

# Triad

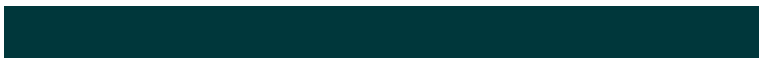
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4001377



4398848



14139

# Complementary

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



4001377



3301646

# 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.



13842



4001377



2239744

# Square

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



4001377



6029312



13056



14175

# Rectangle

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



4001377



6750245



13056



14125



# Sweetspot

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



4001377



7298173



930657



3615808



12566463



4210752



# Same Dimension

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



4001377



4653181



6360669



3025968



4194416



8913136



# Inverse Universe

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



6360626



8192054



942354



3157038



7340081

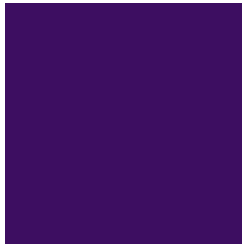


15728744



# Previews

## White Background



This preview shows how the Decimal color 4001377 looks on a white background.

## Color Contrast Check

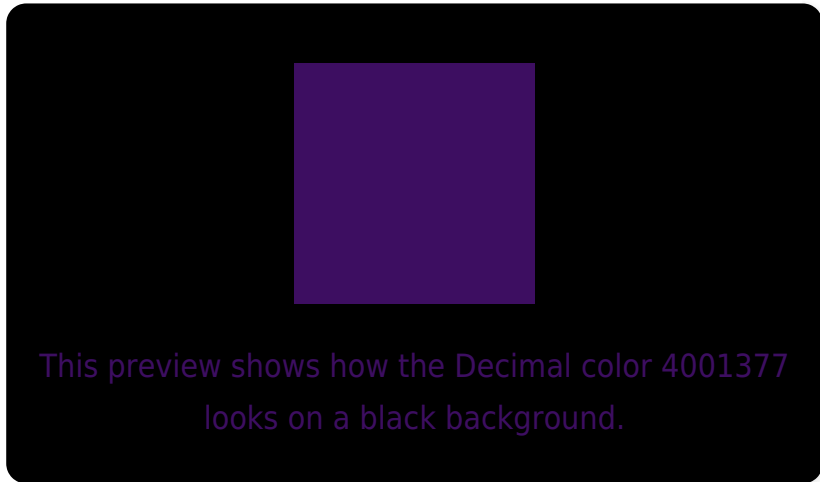
Large Text (above 18pt) WCAG AA ✓ Pass

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

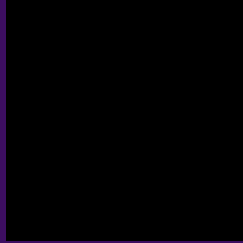
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4001377 Background



This preview shows how black text looks on a background with the Decimal color 4001377.



This preview shows how white text looks on a background with the Decimal color 4001377.

# 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**  
3286827

# Trichromacy



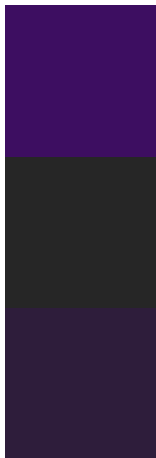
**Original Color**  
4001377

**Protanomaly**  
1449818

**Deuteranomaly**  
1450322

**Tritanomaly**  
3546687

# Monochromacy



**Original Color**  
4001377

**Achromatopsia**  
2500134

**Achromatomaly**  
3022139

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4001377 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 #3D0E61 looks like.

```
.text, #text, p{  
    color:#3D0E61  
}
```

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 #3D0E61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0E61
}
```

## Border

The CSS property to change the border of an element to Decimal 4001377 is called "border". The border property can be set on classes, ids or directly on the HTML element.

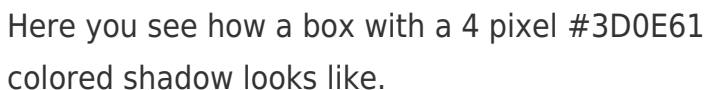
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D0E61 }
```

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

```
.border{ border-color:#3D0E61 }
```

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



Here you see how a box with a 4 pixel #3D0E61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0E61; -webkit-box-shadow:4px 4px  
4px 4px #3D0E61; box-shadow:4px 4px 4px  
4px #3D0E61 }
```

# Background

The CSS property to change the background color of an element to Decimal 4001377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0E61 }
```

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

```
.background{ background-color:#3D0E61 }
```

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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