

Converting Colors

Decimal(5061237)

Have a look what the booklet for
Decimal(5061237) contains.

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Color

Decimal(5061237)

Conversions

Conversions Part 1

Format	Color
Hex	4D3A75
RGB	77, 58, 117
RGB Percent	30%, 23%, 46%
CMY	0.6980, 0.7725, 0.5412
CMYK	0.34, 0.50, 0.00, 0.54
HSL	259°, 34%, 34%
HSV	259°, 50%, 46%
XYZ	7.7845, 5.8882, 17.5559
YIQ	70.4070, -7.6150, 22.3770

Conversions

Conversions Part 2

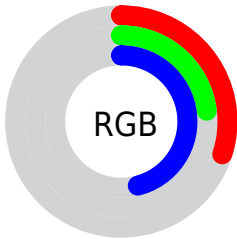
Format	Color
R_{YB}	77, 58, 117
Decimal	5061237
CIE _{Lab}	29.13, 22.62, -31.05
CIE _{LCh}	29, 38.412, 306.072
Yxy	5.8882, 0.2493, 0.1886
Android (android.graphics.Color)	4283251317 (0xFF4D3A75)
YUV	70.4070, 22.9703, 5.7821
Hunter-Lab	24.2657, 14.7983, -25.9094

Details

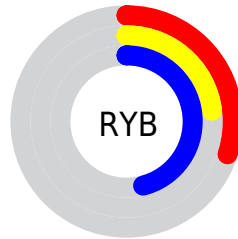
The Decimal color **5061237** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6452538**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **8415914**, and **1838916** is the 20% darker color. If you saturate the color by 10%, you get **4533877**, and if you desaturate by 10%, it is **5588597**.

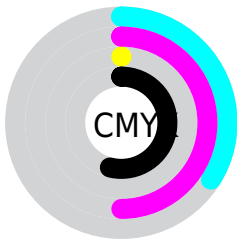
Distribution



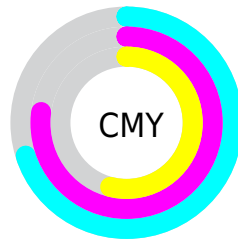
- Red (30%)
- Green (23%)
- Blue (46%)



- Red (30%)
- Yellow (23%)
- Blue (46%)



- Cyan (34%)
- Magenta (50%)
- Yellow (0%)
- Black (54%)



- Cyan (70%)
- Magenta (77%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5061237 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 5061237 by changing the saturation by 10% instead.

■ 5061237

■ 5061237

16777215

■ 3482716

■ 8415914

■ 1838916

■ 10191813

■ 458798

■ 11967969

■ 280

■ 13809918

■ 0

■ 15717631

■ 16773375

■ 5061237

■ 5061237

■ 4533877

■ 5588597

■ 4006773

■ 6115701

■ 3479413

■ 6643061

■ 2952053

■ 7170421

■ 2490485

■ 7697781

■ 8224885

■ 8752245

■ 9214069

■ 9741173

Harmonies

Analogous

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



18048



5061237



7155037

Triad

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



5061237



6699530



21066

Complementary

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



5061237



6452538

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.



20779



5061237



5129472

Square

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



5061237



7745059



3034383



21095

Rectangle

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



5061237



7808842



3034383



21056

Sweetspot

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



5061237



9011865



3826293



4407117



13421772



5066061

Same Dimension

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



5061237



5913753



6961781



3618107



2556026



5243130

Inverse Universe

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



7682658



10042491



4551994



3880249



7995475



16384169

Previews

White Background



This preview shows how the Decimal color 5061237 looks on a white background.

Color Contrast Check

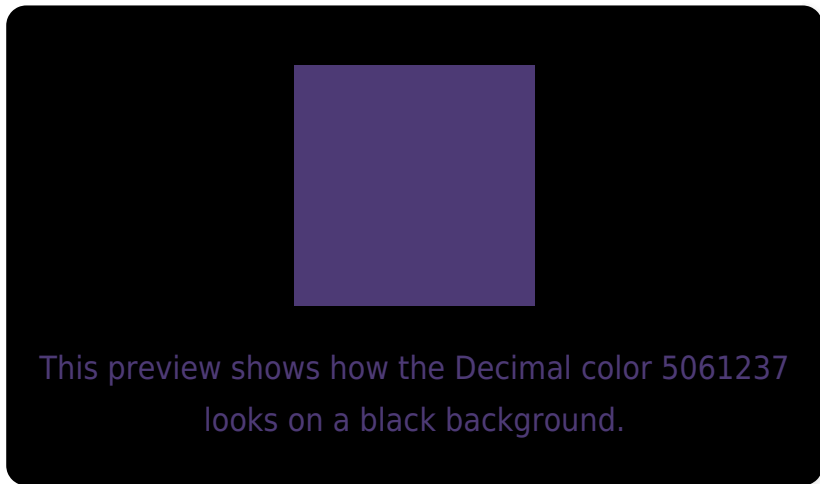
Large Text (above 18pt) WCAG AA ✓ Pass

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

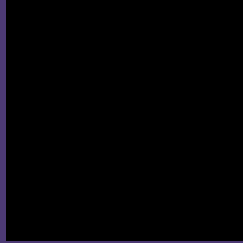
Any Text WCAG AA × Fail

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 5061237 Background



This preview shows how black text looks on a background with the Decimal color 5061237.



This preview shows how white text looks on a background with the Decimal color 5061237.

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
5061237

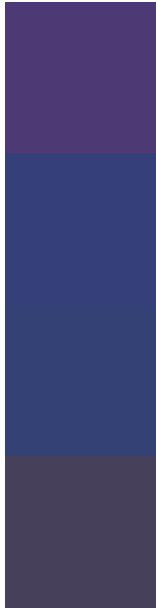
Protanopia
2638718

Deuteranopia
2508147



Tritanopia
4473930

Trichromacy



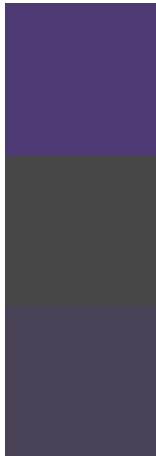
Original Color
5061237

Protanomaly
3489915

Deuteranomaly
3424628

Tritanomaly
4669530

Monochromacy



Original Color
5061237

Achromatopsia
4605510

Achromatomaly
4801111

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5061237 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 #4D3A75 looks like.

```
.text, #text, p{  
  color:#4D3A75  
}
```

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 #4D3A75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D3A75
}
```

Border

The CSS property to change the border of an element to Decimal 5061237 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
#4D3A75 }
```

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

```
.border{ border-color:#4D3A75 }
```

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

Here you see how a box with a 4 pixel #4D3A75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D3A75; -webkit-box-shadow:4px 4px  
4px 4px #4D3A75; box-shadow:4px 4px 4px  
4px #4D3A75 }
```

Background

The CSS property to change the background color of an element to Decimal 5061237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D3A75 }
```

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

```
.background{ background-color:#4D3A75 }
```

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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