

Converting Colors

Decimal(4720231)

Have a look what the booklet for
Decimal(4720231) contains.

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Color

Decimal(4720231)

Conversions

Conversions Part 1

Format	Color
Hex	480667
RGB	72, 6, 103
RGB Percent	28%, 2%, 40%
CMY	0.7176, 0.9765, 0.5961
CMYK	0.30, 0.94, 0.00, 0.60
HSL	281°, 89%, 21%
HSV	281°, 94%, 40%
XYZ	5.1858, 2.4872, 13.0387
YIQ	36.7920, 8.1990, 44.1590

Conversions

Conversions Part 2

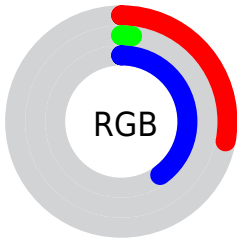
Format	Color
R_{YB}	72, 6, 103
Decimal	4720231
CIE _{Lab}	17.86, 43.69, -40.20
CIE _{LCh}	18, 59.368, 317.381
Yxy	2.4872, 0.2504, 0.1201
Android (android.graphics.Color)	4282910311 (0xFF480667)
YUV	36.7920, 32.6405, 30.8774
Hunter-Lab	15.7710, 31.0949, -37.9786




Details

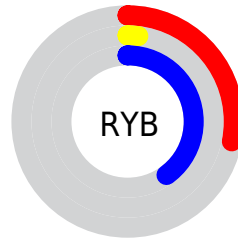
The Decimal color **4720231** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2451206**, and the grayscale version is **2368548**.




A 20% lighter version of the original color is **8207771**, and **1572919** is the 20% darker color. If you saturate the color by 10%, you get **4587623**, and if you desaturate by 10%, it is **4919399**.

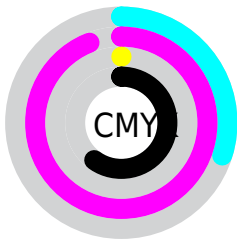
Distribution







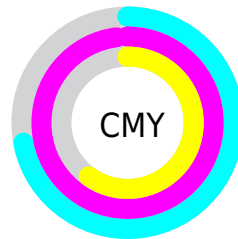
-  Red (28%)
-  Green (2%)
-  Blue (40%)






-  Red (28%)
-  Yellow (2%)
-  Blue (40%)



-  Cyan (30%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (72%)
-  Magenta (98%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4720231 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 4720231 by changing the saturation by 10% instead.

 4720231

 4720231

 16775935

 3014734

 8207771

 1572919

 9983670

 544

 11759826

 5

 13667054

 0

 15574527

 16761343

 16768511

 4720231

 4720231

■ 4587623

■ 4919399

■ 5184359

■ 5383527

■ 5582695

■ 5782119

■ 6046823

■ 6245991

■ 6445159

■ 6710119

Harmonies

Analogous

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



10880



4720231



7012416

Triad

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



4720231



4596480



15172

Complementary

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



4720231



2451206

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.



14871



4720231



2044160

Square

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



4720231



6356992



14080



15211

Rectangle

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



4720231



7405604



14080



15158

Sweetspot

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



4720231



8085895



403047



4009285



12895428



4539717

Same Dimension

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



4720231



6029447



6751831



3223091



5111923



10813682

Inverse Universe

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



6751781



8847403



419606



3354160



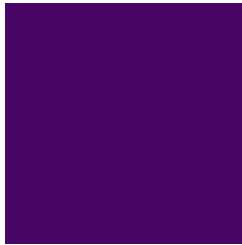
7536677



15859789

Previews

White Background



This preview shows how the Decimal color 4720231 looks on a white background.

Color Contrast Check

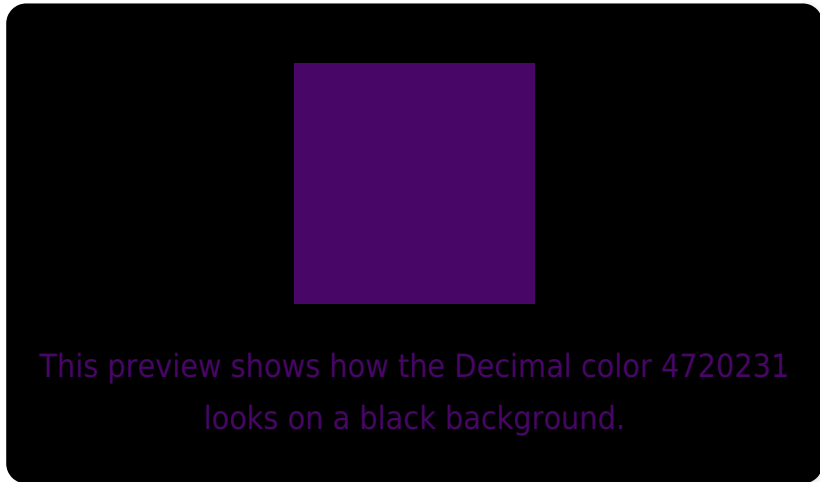
Large Text (above 18pt) WCAG AA ✓ Pass

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

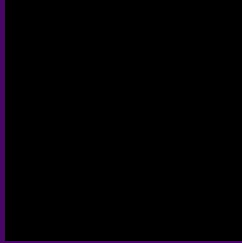
Any Text WCAG AA × Fail

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 4720231 Background



This preview shows how black text looks on a background with the Decimal color 4720231.



This preview shows how white text looks on a background with the Decimal color 4720231.

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
4720231

Protanopia
11615

Deuteranopia
12370



Tritanopia
4073772

Trichromacy



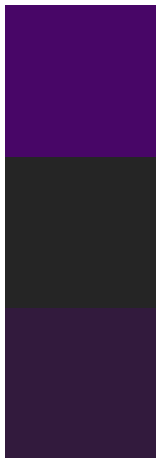
Original Color
4720231

Protanomaly
1711970

Deuteranomaly
1712474

Tritanomaly
4332609

Monochromacy



Original Color
4720231

Achromatopsia
2434341

Achromatomaly
3283517

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4720231 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 #480667 looks like.

```
.text, #text, p{  
    color:#480667  
}
```

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 #480667 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #480667
}
```

Border

The CSS property to change the border of an element to Decimal 4720231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

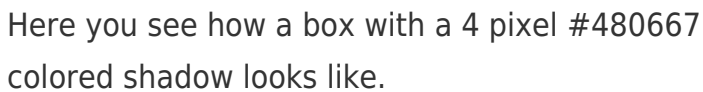
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#480667 }
```

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

```
.border{ border-color:#480667 }
```

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



Here you see how a box with a 4 pixel #480667 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #480667; -webkit-box-shadow:4px 4px  
4px 4px #480667; box-shadow:4px 4px 4px  
4px #480667 }
```

Background

The CSS property to change the background color of an element to Decimal 4720231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#480667 }
```

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

```
.background{ background-color:#480667 }
```

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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