

Converting Colors

Decimal(4980833)

Have a look what the booklet for
Decimal(4980833) contains.

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Color

Decimal(4980833)

Conversions

Conversions Part 1

Format	Color
Hex	4C0061
RGB	76, 0, 97
RGB Percent	30%, 0%, 38%
CMY	0.7020, 1.0000, 0.6196
CMYK	0.22, 1.00, 0.00, 0.62
HSL	287°, 100%, 19%
HSV	287°, 100%, 38%
XYZ	5.1382, 2.3996, 11.5016
YIQ	33.7820, 14.1590, 46.2790

Conversions

Conversions Part 2

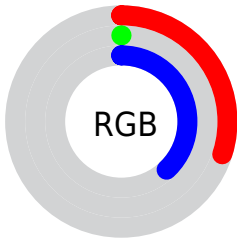
Format	Color
RYB	76, 0, 97
Decimal	4980833
CIELab	17.46, 44.84, -36.86
CIElCh	17, 58.044, 320.582
Yxy	2.3996, 0.2699, 0.1260
Android (android.graphics.Color)	4283170913 (0xFF4C0061)
YUV	33.7820, 31.1665, 37.0252
Hunter-Lab	15.4905, 32.0994, -33.1790

Details

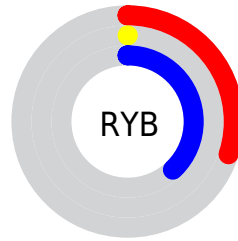
The Decimal color **4980833** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1401088**, and the grayscale version is **2171169**.

A 20% lighter version of the original color is **8469140**, and **1900594** is the 20% darker color. If you saturate the color by 10%, you get **4980833**, and if you desaturate by 10%, it is **5114465**.

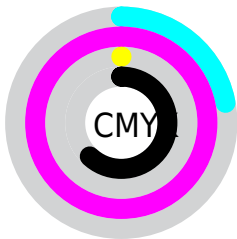
Distribution



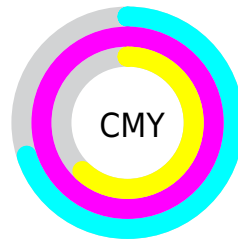
- Red (30%)
- Green (0%)
- Blue (38%)



- Red (30%)
- Yellow (0%)
- Blue (38%)



- Cyan (22%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (70%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4980833 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 4980833 by changing the saturation by 10% instead.

 4980833

 4980833

 16775167

 3342409

 8469140

 1900594

 10245039

 284

 12086731

 0

 13928423

 15836159

 16760575

 16767999

 4980833

■ 5114465

■ 5247841

■ 5381473

■ 5515105

■ 5714273

■ 5847649

■ 5981281

■ 6114913

■ 6248289

Harmonies

Analogous

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



10107



4980833



6946874

Triad

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



4980833



4269312



14919

Complementary

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



4980833



1401088

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.



14620



4980833



1650944

Square

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



4980833



6095872



14080



14956

Rectangle

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



4980833



7208991



14080



14905

Sweetspot

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



4980833



7690109



5473



3877184



12566463



4210752

Same Dimension

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



4980833



6422653



6357062



3091504



5767280



12321008

Inverse Universe

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



6357013



8192027



24859



3157037



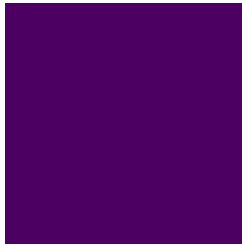
7340056



15728692

Previews

White Background



This preview shows how the Decimal color 4980833 looks on a white background.

Color Contrast Check

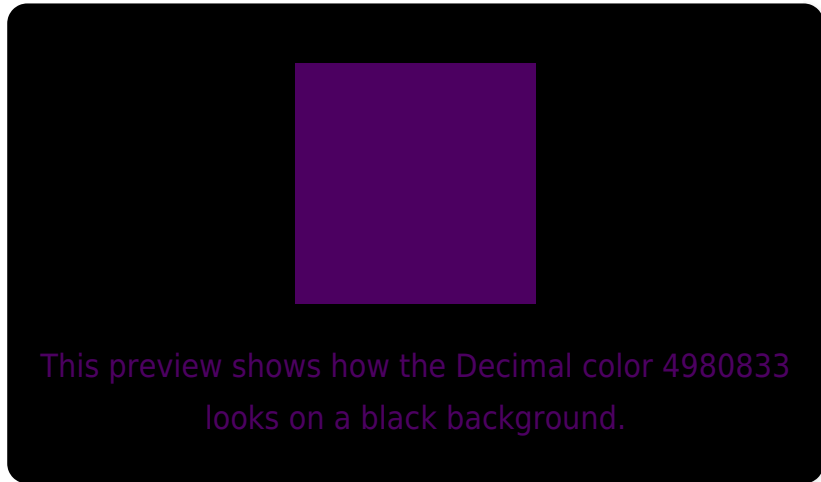
Large Text (above 18pt) WCAG AA ✓ Pass

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

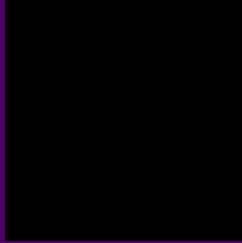
Any Text WCAG AA × Fail

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 4980833 Background



This preview shows how black text looks on a background with the Decimal color 4980833.



This preview shows how white text looks on a background with the Decimal color 4980833.

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
4980833

Protanopia
11615

Deuteranopia
12371



Tritanopia
4466217

Trichromacy



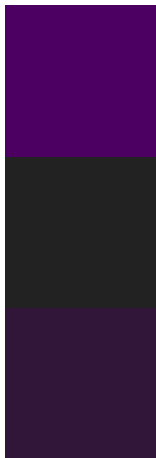
Original Color
4980833

Protanomaly
1842528

Deuteranomaly
1843032

Tritanomaly
4659261

Monochromacy



Original Color
4980833

Achromatopsia
2236962

Achromatomaly
3216953

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4980833 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 #4C0061 looks like.

```
.text, #text, p{  
    color:#4C0061  
}
```

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 #4C0061 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0061
}
```

Border

The CSS property to change the border of an element to Decimal 4980833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

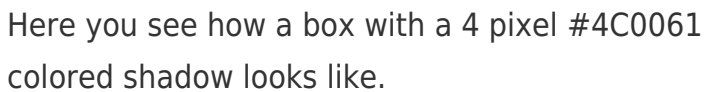
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0061 }
```

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

```
.border{ border-color:#4C0061 }
```

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



Here you see how a box with a 4 pixel #4C0061 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0061; -webkit-box-shadow:4px 4px  
4px 4px #4C0061; box-shadow:4px 4px 4px  
4px #4C0061 }
```

Background

The CSS property to change the background color of an element to Decimal 4980833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0061 }
```

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

```
.background{ background-color:#4C0061 }
```

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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