

Converting Colors

Decimal(4849731)

Have a look what the booklet for
Decimal(4849731) contains.

Decimal(4849731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4849731)

Conversions

Conversions Part 1

Format	Color
Hex	4A0043
RGB	74, 0, 67
RGB Percent	29%, 0%, 26%
CMY	0.7098, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.09, 0.71
HSL	306°, 100%, 15%
HSV	306°, 100%, 29%
XYZ	3.8372, 1.8611, 5.4672
YIQ	29.7640, 22.5970, 36.5250

Conversions

Conversions Part 2

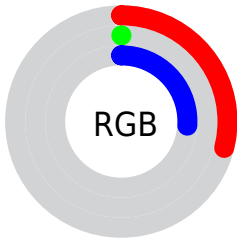
Format	Color
R_{YB}	74, 0, 67
Decimal	4849731
CIE _{Lab}	14.74, 39.02, -20.78
CIE _{LCh}	15, 44.211, 331.960
Yxy	1.8611, 0.3437, 0.1667
Android (android.graphics.Color)	4283039811 (0xFF4A0043)
YUV	29.7640, 18.3573, 38.7950
Hunter-Lab	13.6422, 26.3331, -14.2112

Details

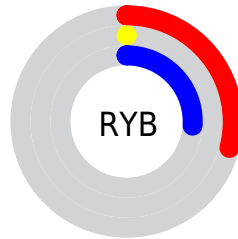
The Decimal color **4849731** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **18951**, and the grayscale version is **1973790**.

A 20% lighter version of the original color is **8271731**, and **1572888** is the 20% darker color. If you saturate the color by 10%, you get **4849731**, and if you desaturate by 10%, it is **4851524**.

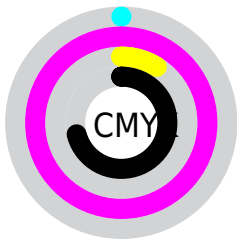
Distribution



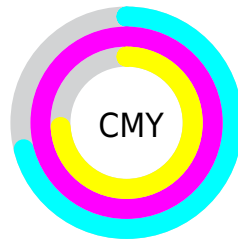
- Red (29%)
- Green (0%)
- Blue (26%)



- Red (29%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (9%)
- Black (71%)



- Cyan (71%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4849731 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 4849731 by changing the saturation by 10% instead.

 4849731

 4849731

 16774143

 3276845

 8271731

 1572888

 9982093

 0

 11823528

 13665219

 15572703

 16759548

 16766719

 4849731

■ 4851524

■ 4853572

■ 4855365

■ 4857414

■ 4859207

■ 4860999

■ 4863048

■ 4864841

■ 4866889

Harmonies

Analogous

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



2104155



4849731



5767205

Triad

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



4849731



2958592



12614

Complementary

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



4849731



18951

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.



12582



4849731



732160

Square

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



4849731



4527872



12288



12381

Rectangle

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



4849731



5767184



12288



12860

Sweetspot

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



4849731



6374494



393290



3153711



11579568



3158064

Same Dimension

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



4849731



6357080



4849695



2499110



6684764



15073488

Inverse Universe

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



4849731



6357080



18987



2499110



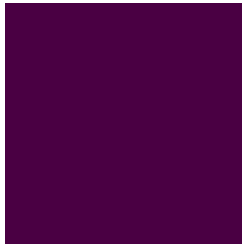
6684764



15073488

Previews

White Background



This preview shows how the Decimal color 4849731 looks on a white background.

Color Contrast Check

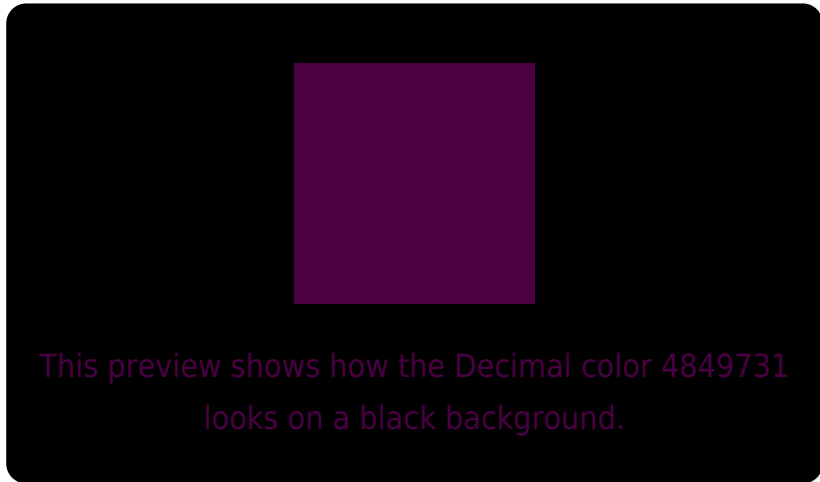
Large Text (above 18pt) WCAG AA ✓ Pass

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

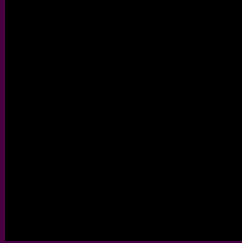
Any Text WCAG AA × Fail

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 4849731 Background



This preview shows how black text looks on a background with the Decimal color 4849731.



This preview shows how white text looks on a background with the Decimal color 4849731.

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
4849731

Protanopia
10325

Deuteranopia
2042175



Tritanopia
4594204

Trichromacy



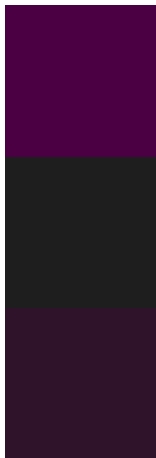
Original Color
4849731

Protanomaly
1775950

Deuteranomaly
3086912

Tritanomaly
4657450

Monochromacy



Original Color
4849731

Achromatopsia
1973790

Achromatomaly
3019563

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4849731 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 #4A0043 looks like.

```
.text, #text, p{  
    color:#4A0043  
}
```

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 #4A0043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0043
}
```

Border

The CSS property to change the border of an element to Decimal 4849731 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
#4A0043 }
```

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

```
.border{ border-color:#4A0043 }
```

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

Here you see how a box with a 4 pixel #4A0043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0043; -webkit-box-shadow:4px 4px  
4px 4px #4A0043; box-shadow:4px 4px 4px  
4px #4A0043 }
```

Background

The CSS property to change the background color of an element to Decimal 4849731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0043 }
```

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

```
.background{ background-color:#4A0043 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor