

# Converting Colors

Decimal(4849671)

Have a look what the booklet for  
Decimal(4849671) contains.

<b>Decimal(4849671)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(4849671)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A0007
RGB	74, 0, 7
RGB Percent	29%, 0%, 3%
CMY	0.7098, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.91, 0.71
HSL	354°, 100%, 15%
HSV	354°, 100%, 29%
XYZ	2.8624, 1.4712, 0.3341
YIQ	22.9240, 41.8570, 17.8650

# Conversions

## Conversions Part 2

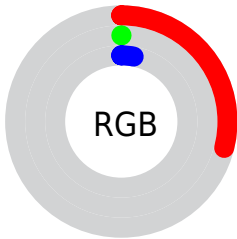
Format	Color
<a href="#">RYB</a>	<a href="#">74, 0, 7</a>
Decimal	<a href="#">4849671</a>
CIELab	<a href="#">12.42, 33.04, 16.64</a>
CIElCh	<a href="#">12, 36.999, 26.730</a>
Yxy	<a href="#">1.4712, 0.6132, 0.3152</a>
Android (android.graphics.Color)	<a href="#">4283039751</a> ( <a href="#">0xFF4A0007</a> )
YUV	<a href="#">22.9240, -7.8505, 44.7937</a>
Hunter-Lab	<a href="#">12.1292, 20.8982, 6.8573</a>

# Details

The Decimal color **4849671** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **19011**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **8401972**, and **65536** is the 20% darker color. If you saturate the color by 10%, you get **4849671**, and if you desaturate by 10%, it is **4851470**.

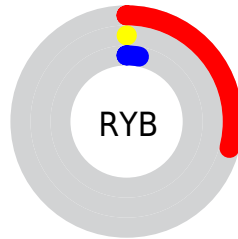
# Distribution



Red (29%)

Green (0%)

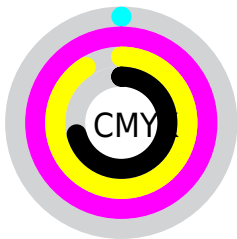
Blue (3%)



Red (29%)

Yellow (0%)

Blue (3%)

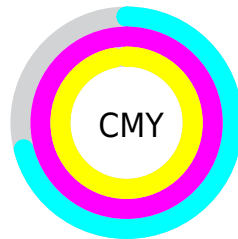


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4849671 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 4849671 by changing the saturation by 10% instead.



 4849671

 4849671

 16772583

 3211264

 8401972

 65536

 10243146

 0

 12150114

 14057339

 15964821

 16758192

 16765387

 4849671

■ 4851470

■ 4853524

■ 4855323

■ 4857378

■ 4859177

■ 4860975

■ 4863030

■ 4864829

■ 4866883

# Harmonies

## Analogous

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



4849700



4849671



4133376

# Triad

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



4849671



10496



9556

# Complementary

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



4849671



19011

# 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.



10571



4849671



11037

# Square

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



4849671



1254656



11063



1252175

# Rectangle

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



4849671



3349248



11063



10067



# Sweetspot

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



4849671



6374471



4390986



3153697



11579568



3158064



# Same Dimension

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



4849671



6357001



4857344



2499107



6684682



15073302



# Inverse Universe

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



4849671



6357001



11338



2499107



6684682

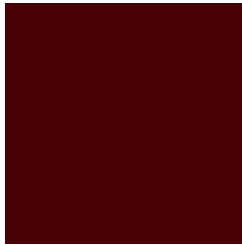


15073302



# Previews

## White Background



This preview shows how the Decimal color 4849671 looks on a white background.

## Color Contrast Check

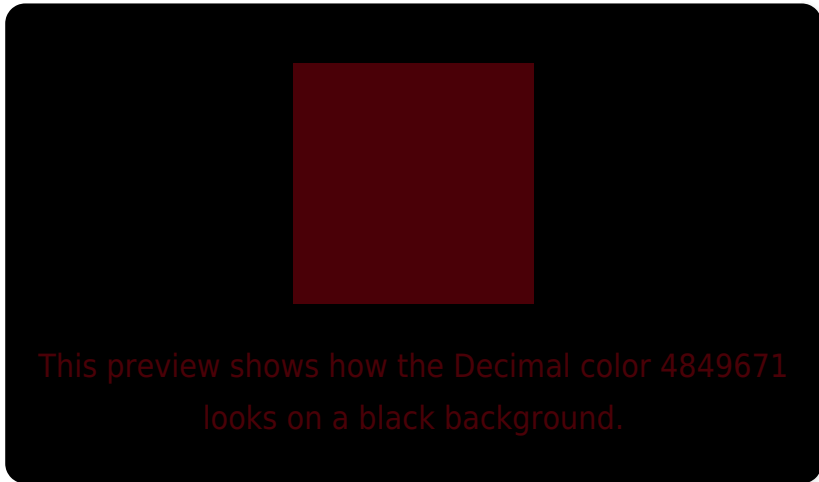
Large Text (above 18pt) WCAG AA ✓ Pass

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

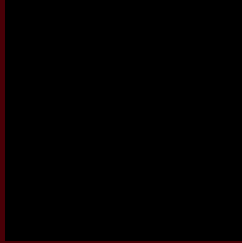
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4849671 Background



This preview shows how black text looks on a background with the Decimal color 4849671.



This preview shows how white text looks on a background with the Decimal color 4849671.

# 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**  
4849671

**Protanopia**  
2761997

**Deuteranopia**  
3089152



**Tritanopia**  
4785920

# Trichromacy



**Original Color**

4849671

**Protanomaly**

3545099

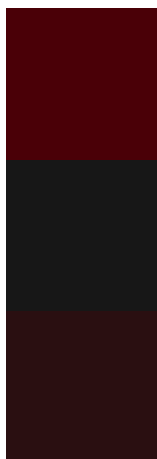
**Deuteranomaly**

3741187

**Tritanomaly**

4785155

# Monochromacy



**Original Color**

4849671

**Achromatopsia**

1513239

**Achromatomaly**

2756369

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4849671 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 #4A0007 looks like.

```
.text, #text, p{  
    color:#4A0007  
}
```

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 #4A0007 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A0007
}
```

## Border

The CSS property to change the border of an element to Decimal 4849671 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".

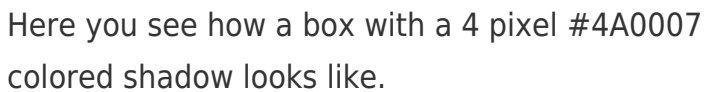
```
.border, #border, table{ border:4px solid
#4A0007 }
```

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

```
.border{ border-color:#4A0007 }
```

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

Here you see how a box with a 4 pixel #4A0007 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #4A0007 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A0007; -webkit-box-shadow:4px 4px  
4px 4px #4A0007; box-shadow:4px 4px 4px  
4px #4A0007 }
```

# Background

The CSS property to change the background color of an element to Decimal 4849671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A0007 }
```

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

```
.background{ background-color:#4A0007 }
```

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