

# Converting Colors

Decimal(4981641)

Have a look what the booklet for  
Decimal(4981641) contains.

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**Color**

**Decimal(4981641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C0389
RGB	76, 3, 137
RGB Percent	30%, 1%, 54%
CMY	0.7020, 0.9882, 0.4627
CMYK	0.45, 0.98, 0.00, 0.46
HSL	273°, 96%, 27%
HSV	273°, 98%, 54%
XYZ	7.5284, 3.4078, 23.9279
YIQ	40.1030, 0.4940, 57.1500

# Conversions

## Conversions Part 2

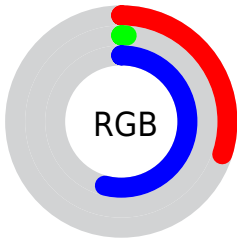
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	76, 3, 137
Decimal	4981641
CIE Lab	21.61, 52.63, -55.85
CIE LCh	22, 76.738, 313.297
Yxy	3.4078, 0.2159, 0.0977
Android (android.graphics.Color)	4283171721 (0xFF4C0389)
YUV	40.1030, 47.7702, 31.4817
Hunter-Lab	18.4601, 40.4906, -63.9291

# Details

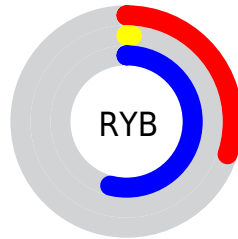
The Decimal color **4981641** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **4229379**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **8667072**, and **1179734** is the 20% darker color. If you saturate the color by 10%, you get **4915337**, and if you desaturate by 10%, it is **5378441**.

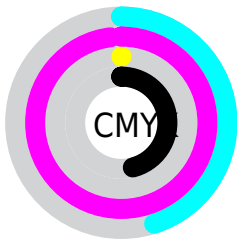
# Distribution



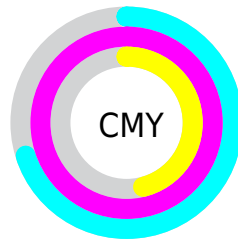
- Red (30%)
- Green (1%)
- Blue (54%)



- Red (30%)
- Yellow (1%)
- Blue (54%)



- Cyan (45%)
- Magenta (98%)
- Yellow (0%)
- Black (46%)



- Cyan (70%)
- Magenta (99%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4981641 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 4981641 by changing the saturation by 10% instead.





4981641



4981641

16777215



3080303



8667072



1179734



10508764



62



12415993



807



14323455



272



16231167



0



16762623



16769791



4981641



4981641

■ 4915337

■ 5378441

■ 5774985

■ 6237321

■ 6634121

■ 7030665

■ 7427465

■ 7889801

■ 8286601

■ 8683145

# Harmonies

## Analogous

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



13991



4981641



8585302

# Triad

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



4981641



5907456



18253

# Complementary

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



4981641



4229379

# 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.



17679



4981641



2701824

# Square

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



4981641



8126464



16896



18563

# Rectangle

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



4981641



9240625



16896



17977



# Sweetspot

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



4981641



10190771



213641



4930137



14277081



5855577



# Same Dimension

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



4981641



6357171



8979333



4341317



4718725



196613



# Inverse Universe

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



8979264



11731025



231687



4537921



8716348

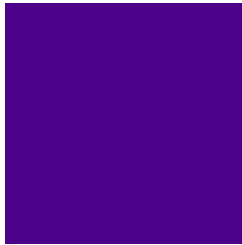


327682



# Previews

## White Background



This preview shows how the Decimal color 4981641 looks on a white background.

## Color Contrast Check

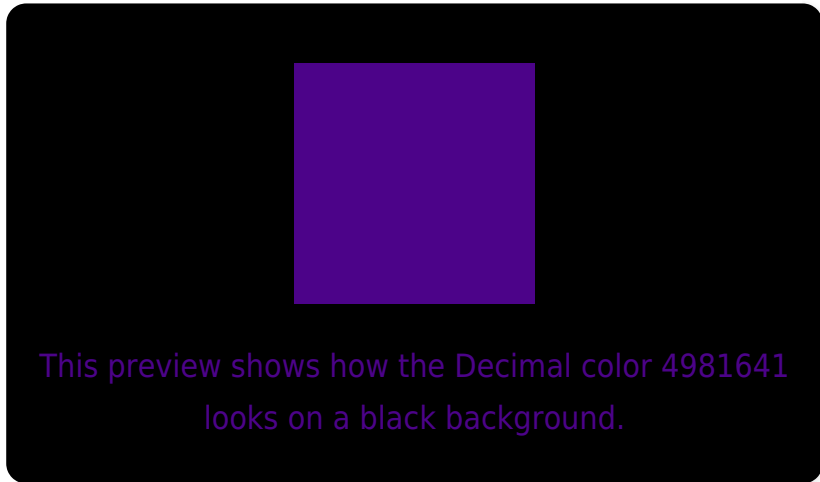
Large Text (above 18pt) WCAG AA ✓ Pass

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

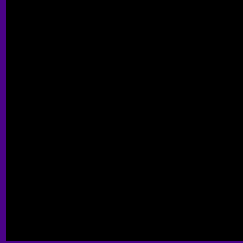
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4981641 Background



This preview shows how black text looks on a background with the Decimal color 4981641.




This preview shows how white text looks on a background with the Decimal color 4981641.

# 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





**Tritanopia**  
3749178

# Trichromacy



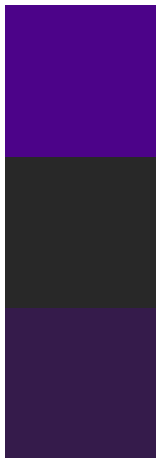
**Original Color**  
4981641

**Protanomaly**  
1844088

**Deuteranomaly**  
1844590

**Tritanomaly**  
4203351

# Monochromacy



**Original Color**  
4981641

**Achromatopsia**  
2631720

**Achromatomaly**  
3480395

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4981641 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 #4C0389 looks like.

```
.text, #text, p{  
    color:#4C0389  
}
```

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 #4C0389 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0389
}
```

## Border

The CSS property to change the border of an element to Decimal 4981641 is called "border". The border property can be set on classes, ids or directly on the HTML element.

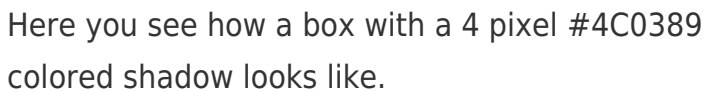
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0389 }
```

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

```
.border{ border-color:#4C0389 }
```

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



Here you see how a box with a 4 pixel #4C0389 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0389; -webkit-box-shadow:4px 4px  
4px 4px #4C0389; box-shadow:4px 4px 4px  
4px #4C0389 }
```

# Background

The CSS property to change the background color of an element to Decimal 4981641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0389 }
```

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

```
.background{ background-color:#4C0389 }
```

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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