

# Converting Colors

Decimal(2429071)

Have a look what the booklet for  
Decimal(2429071) contains.

<b>Decimal(2429071)</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(2429071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	25108F
RGB	37, 16, 143
RGB Percent	15%, 6%, 56%
CMY	0.8549, 0.9373, 0.4392
CMYK	0.74, 0.89, 0.00, 0.44
HSL	250°, 80%, 31%
HSV	250°, 89%, 56%
XYZ	5.9062, 2.7471, 26.2055
YIQ	36.7570, -28.2510, 43.9490

# Conversions

## Conversions Part 2

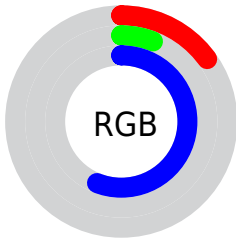
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 16, 143
Decimal	2429071
CIE <sub>Lab</sub>	19.00, 47.18, -64.06
CIE <sub>LCh</sub>	19, 79.556, 306.370
Yxy	2.7471, 0.1694, 0.0788
Android (android.graphics.Color)	4280619151 (0xFF25108F)
YUV	36.7570, 52.3778, 0.2131
Hunter-Lab	16.5743, 34.6026, -82.1413

# Details

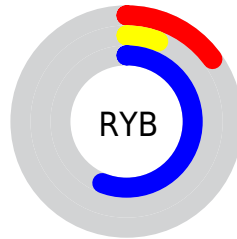
The Decimal color **2429071** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8032016**, and the grayscale version is **2368548**.

A 20% lighter version of the original color is **6635974**, and **91** is the 20% darker color. If you saturate the color by 10%, you get **1639055**, and if you desaturate by 10%, it is **3219087**.

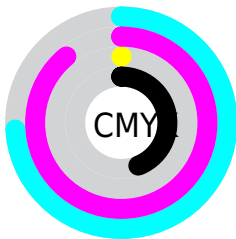
# Distribution



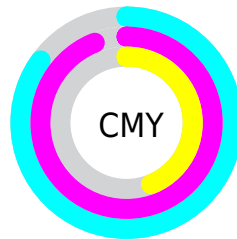
- Red (15%)
- Green (6%)
- Blue (56%)



- Red (15%)
- Yellow (6%)
- Blue (56%)



- Cyan (74%)
- Magenta (89%)
- Yellow (0%)
- Black (44%)



- Cyan (85%)
- Magenta (94%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2429071 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 2429071 by changing the saturation by 10% instead.



■ 2429071

■ 2429071

16776959

■ 117

■ 6635974

■ 91

■ 8542947

■ 1858

■ 10450175

■ 811

■ 12357375

■ 278

■ 14330367

■ 0

■ 16303359

■ 16769535

■ 2429071

■ 2429071

■ 1639055

■ 3219087

■ 1573007

■ 4009359

■ 4799375

■ 5589391

■ 6379663

■ 7169679

■ 7959695

■ 8684175

■ 9474447

# Harmonies

## Analogous

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



13991



2429071



7733342

# Triad

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



2429071



6034176



16698

# Complementary

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



2429071



8032016

# 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.



16128



2429071



3092736

# Square

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



2429071



8126464



15104



17012

# Rectangle

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



2429071



8781880



15104



16421



# Sweetspot

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



2429071



9472186



1080463



4538462



14606046



6184542



# Same Dimension

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



2429071



2031802



6492303



4276295



1441927



65544



# Inverse Universe

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



9375866



12189851



3968784



4669510



8847473

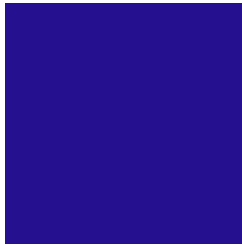


524294



# Previews

## White Background



This preview shows how the Decimal color 2429071 looks on a white background.

## Color Contrast Check

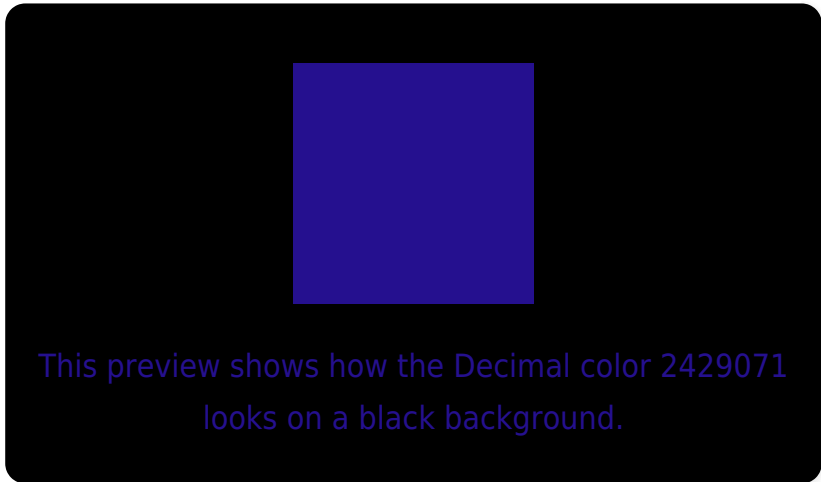
Large Text (above 18pt) WCAG AA ✓ Pass

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

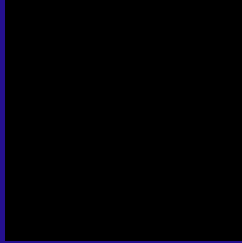
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2429071 Background



This preview shows how black text looks on a background with the Decimal color 2429071.



This preview shows how white text looks on a background with the Decimal color 2429071.

# 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**  
2429071

**Protanopia**  
11873

**Deuteranopia**  
12626



# Trichromacy



**Original Color**  
2429071

**Protanomaly**  
861042

**Deuteranomaly**  
861544

**Tritanomaly**  
862296

# Monochromacy



**Original Color**  
2429071

**Achromatopsia**  
2434341

**Achromatomaly**  
2432332

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2429071 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 #25108F looks like.

```
.text, #text, p{  
  color:#25108F  
}
```

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 #25108F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25108F
}
```

## Border

The CSS property to change the border of an element to Decimal 2429071 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".

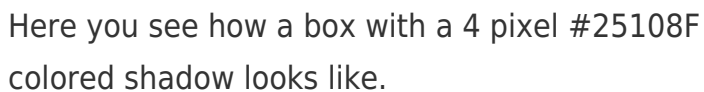
```
.border, #border, table{ border:4px solid
#25108F }
```

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

```
.border{ border-color:#25108F }
```

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

Here you see how a box with a 4 pixel #25108F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25108F; -webkit-box-shadow:4px 4px  
4px 4px #25108F; box-shadow:4px 4px 4px  
4px #25108F }
```

# Background

The CSS property to change the background color of an element to Decimal 2429071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25108F }
```

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

```
.background{ background-color:#25108F }
```

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