

# Converting Colors

Decimal(4328099)

Have a look what the booklet for  
Decimal(4328099) contains.

<b>Decimal(4328099)</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(4328099)**

# Conversions

## Conversions Part 1

Format	Color
Hex	420AA3
RGB	66, 10, 163
RGB Percent	26%, 4%, 64%
CMY	0.7412, 0.9608, 0.3608
CMYK	0.60, 0.94, 0.00, 0.36
HSL	262°, 88%, 34%
HSV	262°, 94%, 64%
XYZ	8.9662, 4.0197, 34.9536
YIQ	44.1860, -15.7370, 59.4550

# Conversions

## Conversions Part 2

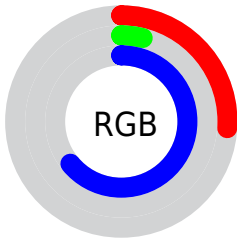
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 10, 163
Decimal	4328099
CIE <sub>Lab</sub>	23.74, 56.33, -68.43
CIE <sub>LCh</sub>	24, 88.636, 309.461
Yxy	4.0197, 0.1870, 0.0838
Android (android.graphics.Color)	4282518179 (0xFF420AA3)
YUV	44.1860, 58.5753, 19.1309
Hunter-Lab	20.0491, 44.7410, -89.3317

# Details

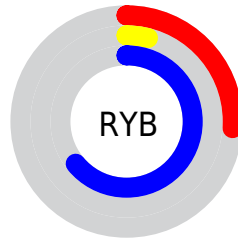
The Decimal color **4328099** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7054090**, and the grayscale version is **2894892**.

A 20% lighter version of the original color is **8274907**, and **110** is the 20% darker color. If you saturate the color by 10%, you get **3932323**, and if you desaturate by 10%, it is **4987555**.

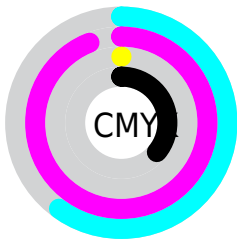
# Distribution



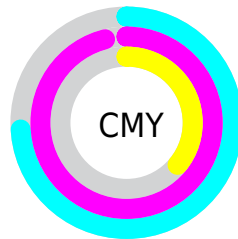
- Red (26%)
- Green (4%)
- Blue (64%)



- Red (26%)
- Yellow (4%)
- Blue (64%)



- Cyan (60%)
- Magenta (94%)
- Yellow (0%)
- Black (36%)



- Cyan (74%)
- Magenta (96%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4328099 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 4328099 by changing the saturation by 10% instead.



■ 4328099

■ 4328099

16777215

■ 1900680

■ 8274907

■ 110

■ 10247672

■ 84

■ 12155135

■ 1596

■ 14128127

■ 549

■ 16101119

■ 270

■ 16763647

■ 0

■ 16771071

■ 4328099

■ 4328099

■ 3932323

■ 4987555

■ 5712803

■ 6372259

■ 7031715

■ 7756963

■ 8416419

■ 9075875

■ 9800867

■ 10460579

# Harmonies

## Analogous

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



16322



4328099



9371753

# Triad

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



4328099



6889472



19789

# Complementary

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



4328099



7054090

# 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.



19200



4328099



3357952

# Square

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



4328099



9437184



18432



20366

# Rectangle

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



4328099



10420285



18432



19766



# Sweetspot

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



4328099



11442388



683427



5523307



15461355



7039851



# Same Dimension

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



4328099



5046484



9177763



4999506



3473553



458770



# Inverse Universe

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



10685035



13893766



2204426



5392719



9502812

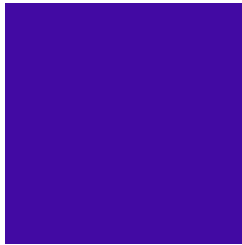


1179659



# Previews

## White Background



This preview shows how the Decimal color 4328099 looks on a white background.

## Color Contrast Check

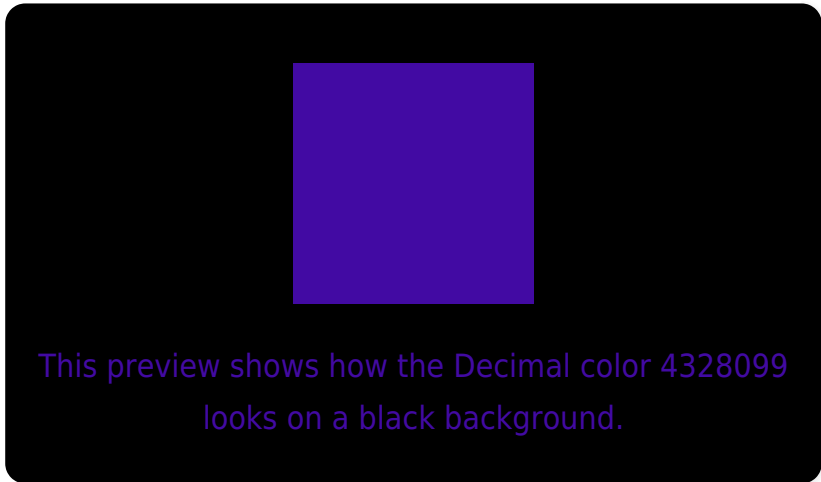
Large Text (above 18pt) WCAG AA ✓ Pass

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

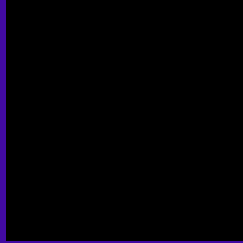
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 4328099 Background



This preview shows how black text looks on a background with the Decimal color 4328099.

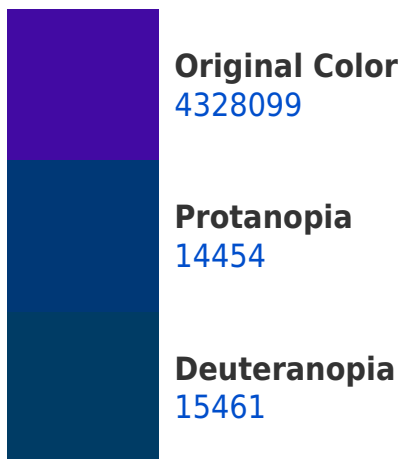


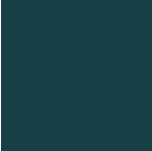
This preview shows how white text looks on a background with the Decimal color 4328099.

# 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**  
1458245

# Trichromacy



**Original Color**  
4328099

**Protanomaly**  
1582982

**Deuteranomaly**  
1583740

**Tritanomaly**  
2501735

# Monochromacy



**Original Color**  
4328099

**Achromatopsia**  
2894892

**Achromatomaly**  
3416151

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4328099 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 #420AA3 looks like.

```
.text, #text, p{  
    color:#420AA3  
}
```

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 #420AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #420AA3
}
```

## Border

The CSS property to change the border of an element to Decimal 4328099 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
#420AA3 }
```

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

```
.border{ border-color:#420AA3 }
```

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

Here you see how a box with a 4 pixel #420AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #420AA3; -webkit-box-shadow:4px 4px  
4px 4px #420AA3; box-shadow:4px 4px 4px  
4px #420AA3 }
```

# Background

The CSS property to change the background color of an element to Decimal 4328099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#420AA3 }
```

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

```
.background{ background-color:#420AA3 }
```

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