

# Converting Colors

Android(4278849439)

Have a look what the booklet for  
Android(4278849439) contains.

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# Color

**Android(4278849439)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A0F9F
RGB	10, 15, 159
RGB Percent	4%, 6%, 62%
CMY	0.9608, 0.9412, 0.3765
CMYK	0.94, 0.91, 0.00, 0.38
HSL	238°, 88%, 33%
HSV	238°, 94%, 62%
XYZ	6.5540, 2.9094, 33.0170
YIQ	29.9210, -49.2040, 43.7240

# Conversions

## Conversions Part 2

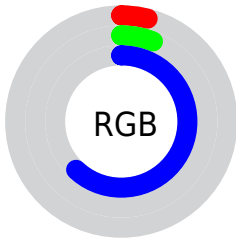
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 15, 159
Decimal	659359
CIE <sub>Lab</sub>	19.68, 51.25, -72.85
CIE <sub>LCh</sub>	20, 89.076, 305.127
Y <sub>xy</sub>	2.9094, 0.1543, 0.0685
Android (android.graphics.Color)	4278849439 (0xFF0A0F9F)
Y <sub>UV</sub>	29.9210, 63.6359, -17.4707
Hunter-Lab	17.0569, 38.7379, -102.8277

# Details

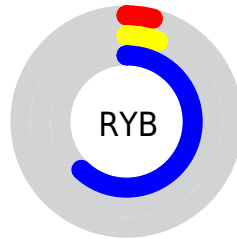
The Android color **4278849439** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **4288649738**, and the grayscale version is **4280098077**.

A 20% lighter version of the original color is **4284367319**, and **4278190186** is the 20% darker color. If you saturate the color by 10%, you get **4278191519**, and if you desaturate by 10%, it is **4279901855**.

# Distribution



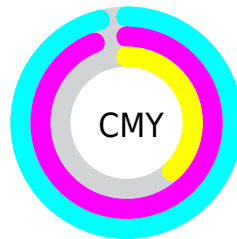
- Red (4%)
- Green (6%)
- Blue (62%)



- Red (4%)
- Yellow (6%)
- Blue (62%)



- Cyan (94%)
- Magenta (91%)
- Yellow (0%)
- Black (38%)



- Cyan (96%)
- Magenta (94%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278849439 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 Android color 4278849439 by changing the saturation by 10% instead.



 4278849439

 4278849439

 4294966783

 4278190212

 4284367319

 4278190186

 4286405364

 4278191441

 4288377855

 4278191417

 4290350847

 4278190626

 4292323839

 4278190088

 4294362367

 4278190080

 4294959615

 4278849439

 4278849439

■ 4278191519

■ 4279901855

■ 4280954527

■ 4282006943

■ 4283059359

■ 4284112031

■ 4285098911

■ 4286151583

■ 4287203999

■ 4288256415

# Harmonies

## Analogous

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



4278205113



4278849439



4286447720

# Triad

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



4278849439



4284746240



4278207290

# Complementary

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



4278849439



4288649738

# 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.



4278206720



4278849439



4281479680

# Square

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



4278849439



4287037440



4278205696



4278207868

# Rectangle

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



4278849439



4287692862



4278205696



4278207267



# Sweetspot

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



4278849439



4287993807



4278886296



4282730089



4293454056



4285098345



# Same Dimension

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



4278849439



4278192079



4283239071



4282861391



4278191503



4278190351



# Inverse Universe

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



4288612879



4291756039



4284260106



4283385671



4287561733

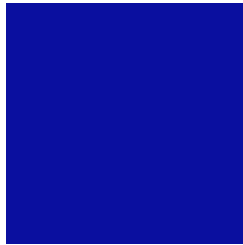


4279173121



# Previews

## White Background



This preview shows how the Android color 4278849439 looks on a white background.

## Color Contrast Check

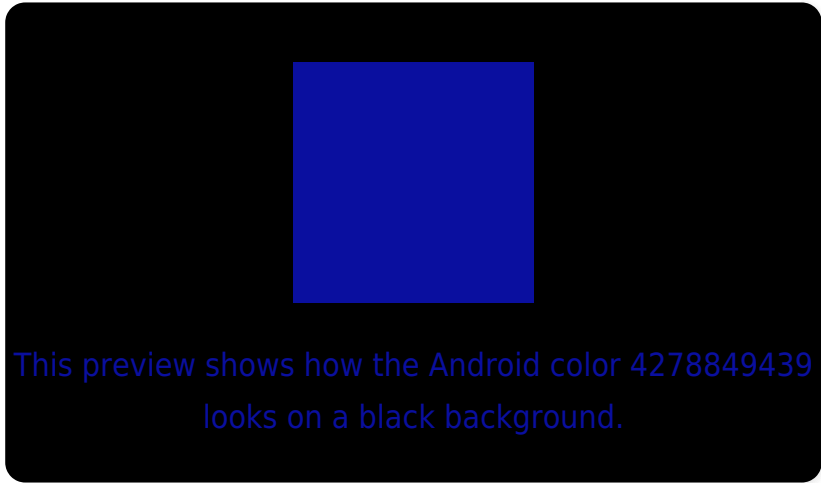
Large Text (above 18pt) WCAG AA ✓ Pass

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

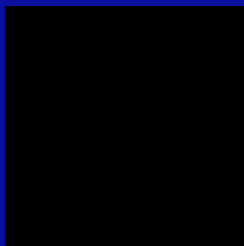
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4278849439 Background



This preview shows how black text looks on a background with the Android color 4278849439.



This preview shows how white text looks on a background with the Android color 4278849439.

# 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**

4278849439

**Protanopia**

4278202468

**Deuteranopia**

4278203221



# Trichromacy



**Original Color**

4278849439

**Protanomaly**

4278461561

**Deuteranomaly**

4278462064

**Tritanomaly**

4278462558

# Monochromacy



**Original Color**

4278849439

**Achromatopsia**

4280163870

**Achromatomaly**

4279703885

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278849439 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 `rgb(10, 15, 159)` looks like.

```
.text, #text, p{  
    color:rgb(10, 15, 159)  
}
```

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 rgb(10, 15, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 15, 159) }
```

## Border

The CSS property to change the border of an element to Android 4278849439 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 rgb(10, 15, 159) }
```

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

```
.border{ border-color:rgb(10, 15, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 15, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 15, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 15, 159);  
box-shadow:4px 4px 4px 4px rgb(10, 15,  
159) }
```

# Background

The CSS property to change the background color of an element to Android 4278849439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 15, 159) }
```

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

```
.background{ background-color: rgb(10, 15,  
159) }
```

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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