

# Converting Colors

Android(4283437649)

Have a look what the booklet for  
Android(4283437649) contains.

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# Color

**Android(4283437649)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	501251
RGB	80, 18, 81
RGB Percent	31%, 7%, 32%
CMY	0.6863, 0.9294, 0.6824
CMYK	0.01, 0.78, 0.00, 0.68
HSL	299°, 64%, 19%
HSV	299°, 78%, 32%
XYZ	5.0098, 2.7322, 8.0479
YIQ	43.7200, 16.7290, 32.7370

# Conversions

## Conversions Part 2

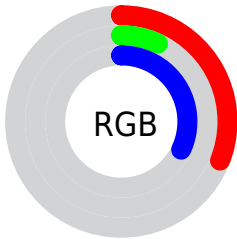
Format	Color
<b>RYB</b>	80, 18, 81
Decimal	5247569
CIELab	18.94, 36.88, -23.70
CIElCh	19, 43.833, 327.275
Yxy	2.7322, 0.3173, 0.1730
Android (android.graphics.Color)	4283437649 (0xFF501251)
YUV	43.7200, 18.3790, 31.8176
Hunter-Lab	16.5293, 25.1745, -17.2971

# Details

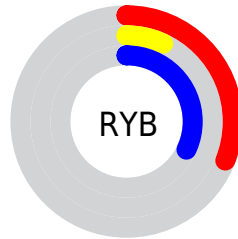
The Android color **4283437649** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4279456018**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4286858371**, and **4280549412** is the 20% darker color. If you saturate the color by 10%, you get **4283435601**, and if you desaturate by 10%, it is **4283439697**.

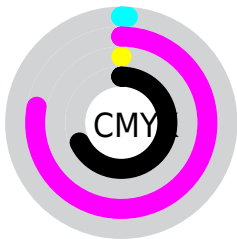
# Distribution



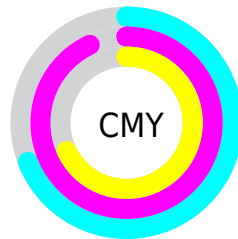
- Red (31%)
- Green (7%)
- Blue (32%)



- Red (31%)
- Yellow (7%)
- Blue (32%)



- Cyan (1%)
- Magenta (78%)
- Yellow (0%)
- Black (68%)



- Cyan (69%)
- Magenta (93%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283437649 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 4283437649 by changing the saturation by 10% instead.





4283437649



4283437649

4294967295



4281794618



4286858371



4280549412



4288568733



4278190091



4290410168



4278190080



4292252116



4294159600



4294953215



4294960383



4283437649



4283437649

■ 4283435601

■ 4283439697

■ 4283433553

■ 4283441745

■ 4283433041

■ 4283443793

■ 4283511377

■ 4283513425

■ 4283515729

■ 4283517777

■ 4283519825

■ 4283521873

# Harmonies

## Analogous

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



4280297319



4283437649



4284612658

# Triad

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



4283437649



4282133504



4278205259

# Complementary

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



4283437649



4279456018

# 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.



4278205226



4283437649



4280169472

# Square

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



4283437649



4283702528



4278204677



4278204772

# Rectangle

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



4283437649



4284743709



4278204677



4278205248



# Sweetspot

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



4283437649



4285026665



4279374673



4281673526



4290098613



4281742902



# Same Dimension

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



4283437649



4284942185



4283503155



4280886569



4284940393



4293132520



# Inverse Universe

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



4283503123



4285073161



4279390512



4280886565



4285071362

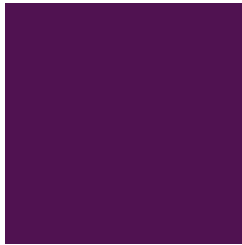


4293394436



# Previews

## White Background



This preview shows how the Android color 4283437649 looks on a white background.

## Color Contrast Check

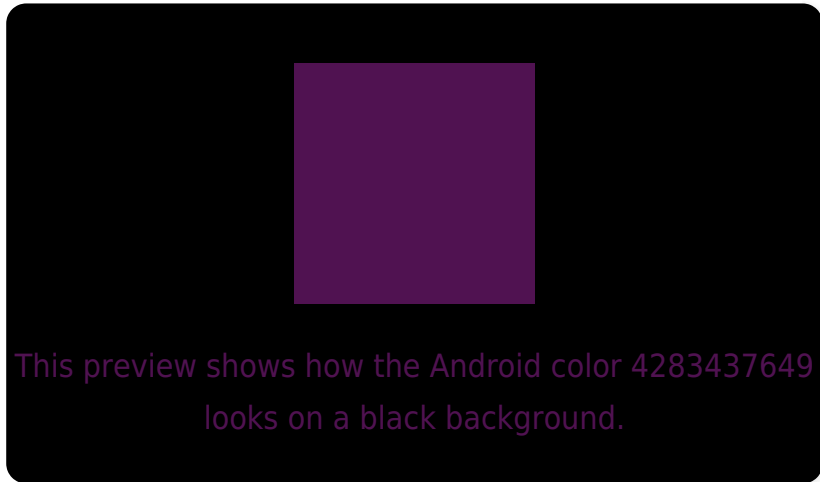
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283437649 Background



This preview shows how black text looks on a background with the Android color 4283437649.



This preview shows how white text looks on a background with the Android color 4283437649.

# 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**

4283437649

**Protanopia**

4278201954

**Deuteranopia**

4280234061



# Trichromacy



**Original Color**  
4283437649

**Protanomaly**  
4280099932

**Deuteranomaly**  
4281410894

**Tritanomaly**  
4283243830

# Monochromacy



**Original Color**  
4283437649

**Achromatopsia**  
4281084972

**Achromatomaly**  
4281934649

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283437649 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(80, 18, 81)` looks like.

```
.text, #text, p{  
    color:rgb(80, 18, 81)  
}
```

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(80, 18, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 18, 81) }
```

## Border

The CSS property to change the border of an element to Android 4283437649 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(80, 18, 81) }
```

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

```
.border{ border-color:rgb(80, 18, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 18, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 18, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 18, 81);  
box-shadow:4px 4px 4px 4px rgb(80, 18, 81)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283437649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 18, 81) }
```

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

```
.background{ background-color: rgb(80, 18,  
81) }
```

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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