

# Converting Colors

Android(4283451229)

Have a look what the booklet for  
Android(4283451229) contains.

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# Color

**Android(4283451229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50475D
RGB	80, 71, 93
RGB Percent	31%, 28%, 36%
CMY	0.6863, 0.7216, 0.6353
CMYK	0.14, 0.24, 0.00, 0.64
HSL	265°, 13%, 32%
HSV	265°, 24%, 36%
XYZ	7.5373, 7.0023, 11.3102
YIQ	76.1990, -1.6980, 8.7500

# Conversions

## Conversions Part 2

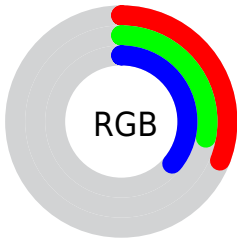
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 71, 93
Decimal	5261149
CIE <sub>Lab</sub>	31.81, 8.73, -11.58
CIE <sub>LCh</sub>	32, 14.501, 307.001
Yxy	7.0023, 0.2916, 0.2709
Android (android.graphics.Color)	4283451229 (0xFF50475D)
YUV	76.1990, 8.2829, 3.3335
Hunter-Lab	26.4618, 4.5352, -6.8183

# Details

The Android color `4283451229` is a dark color, and the websafe version is hex `333333`. A complement of this color would be `4283718983`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4286674831`, and `4280491055` is the 20% darker color. If you saturate the color by 10%, you get `4283121245`, and if you desaturate by 10%, it is `4283781213`.

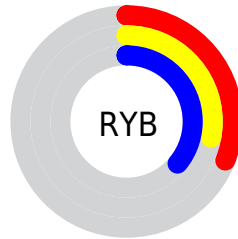
# Distribution



Red (31%)

Green (28%)

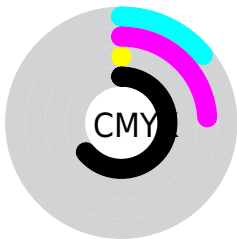
Blue (36%)



Red (31%)

Yellow (28%)

Blue (36%)

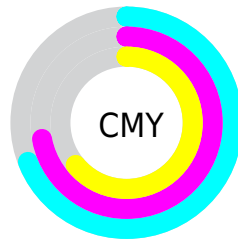


Cyan (14%)

Magenta (24%)

Yellow (0%)

Black (64%)



Cyan (69%)

Magenta (72%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283451229 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 4283451229 by changing the saturation by 10% instead.





4283451229



4283451229

4294967295



4281938245



4286674831



4280491055



4288385450



4279173403



4290161861



4278190080



4292003809



4293846014



4283451229



4283451229



4283121245



4283781213



4282725469



4284176989

■ 4282395485

■ 4284506973

■ 4281999965

■ 4284902493

■ 4281669725

■ 4285232733

■ 4281274205

■ 4285628253

■ 4280944221

■ 4285958237

■ 4280680541

■ 4286353757

■ 4286683997

# Harmonies

## Analogous

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



4282403681



4283451229



4284236884

# Triad

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



4283451229



4284172086



4281094477

# Complementary

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



4283451229



4283718983

# 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.



4281815106



4283451229



4283452212

# Square

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



4283451229



4284564542



4282666552



4280897880

# Rectangle

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



4283451229



4284498764



4282666552



4281291081



# Sweetspot

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



4283451229



4285755256



4282864733



4282005565



4290624957



4282203453



# Same Dimension

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



4283451229



4284765816



4284172125



4281018670



4281139310



4284547309



# Inverse Universe

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



4284303188



4286076522



4282998087



4281215276



4285399105



4293722252



# Previews

## White Background



This preview shows how the Android color 4283451229 looks on a white background.

## Color Contrast Check

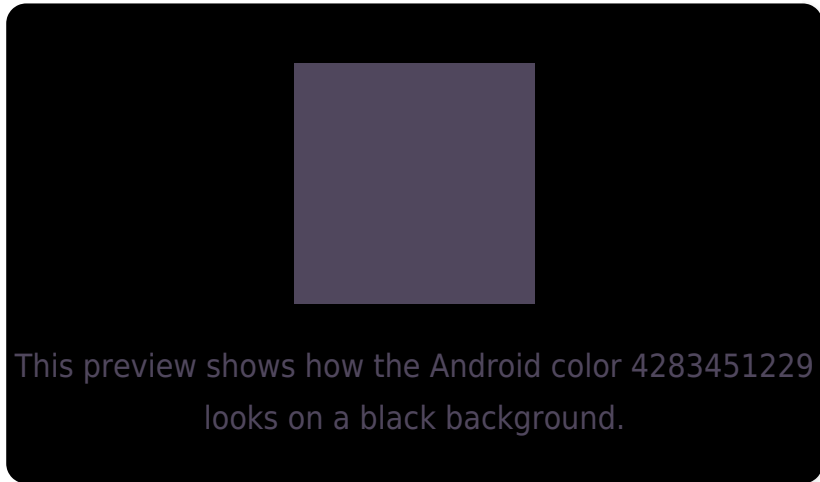
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283451229 Background



This preview shows how black text looks on a background with the Android color 4283451229.

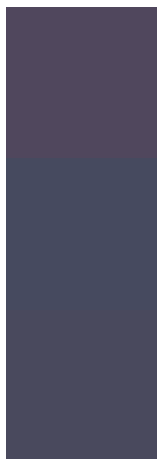


This preview shows how white text looks on a background with the Android color 4283451229.

# 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**


4283451229

**Protanopia**

4282796639

**Deuteranopia**

4282992989



**Tritanopia**  
4283320911

# Trichromacy



**Original Color**

4283451229

**Protanomaly**

4283058526

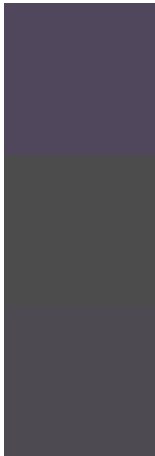
**Deuteranomaly**

4283189341

**Tritanomaly**

4283386196

# Monochromacy



**Original Color**

4283451229

**Achromatopsia**

4283190348

**Achromatomaly**

4283255378

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283451229 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, 71, 93)` looks like.

```
.text, #text, p{  
    color:rgb(80, 71, 93)  
}
```

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, 71, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 71, 93) }
```

## Border

The CSS property to change the border of an element to Android 4283451229 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, 71, 93) }
```

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

```
.border{ border-color:rgb(80, 71, 93) }
```

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

Here you see how a box with a 4 pixel rgb(80, 71, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 71, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 71, 93);  
box-shadow:4px 4px 4px 4px rgb(80, 71, 93)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283451229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 71, 93) }
```

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

```
.background{ background-color: rgb(80, 71,  
93) }
```

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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