

# Converting Colors

Android(4280100449)

Have a look what the booklet for  
Android(4280100449) contains.

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# Color

**Android(4280100449)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D2661
RGB	29, 38, 97
RGB Percent	11%, 15%, 38%
CMY	0.8863, 0.8510, 0.6196
CMYK	0.70, 0.61, 0.00, 0.62
HSL	232°, 54%, 25%
HSV	232°, 70%, 38%
XYZ	3.3575, 2.5105, 11.6169
YIQ	42.0350, -24.3030, 16.4410

# Conversions

## Conversions Part 2

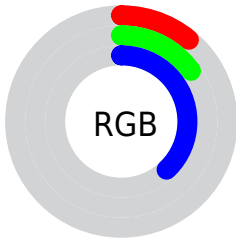
Format	Color
<a href="#">RYB</a>	<a href="#">29, 37, 97</a>
Decimal	<a href="#">1910369</a>
CIELab	<a href="#">17.97, 17.65, -36.30</a>
CIELCh	<a href="#">18, 40.360, 295.935</a>
Yxy	<a href="#">2.5105, 0.1920, 0.1436</a>
Android (android.graphics.Color)	<a href="#">4280100449 (0xFF1D2661)</a>
YUV	<a href="#">42.0350, 27.0977, -11.4317</a>
Hunter-Lab	<a href="#">15.8446, 10.0963, -32.3789</a>

# Details

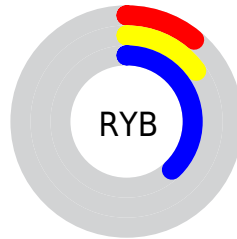
The Android color **4280100449** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284569629**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4283585428**, and **4278190130** is the 20% darker color. If you saturate the color by 10%, you get **4279443041**, and if you desaturate by 10%, it is **4280757857**.

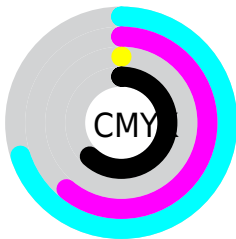
# Distribution



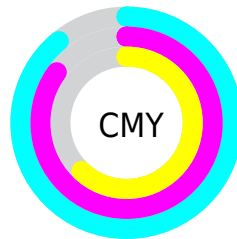
- Red (11%)
- Green (15%)
- Blue (38%)



- Red (11%)
- Yellow (15%)
- Blue (38%)



- Cyan (70%)
- Magenta (61%)
- Yellow (0%)
- Black (62%)



- Cyan (89%)
- Magenta (85%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280100449 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 4280100449 by changing the saturation by 10% instead.





4280100449



4280100449

4294967295



4278194761



4283585428



4278190130



4285295535



4278190364



4287071435



4278190080



4288847591



4290689535



4292531711



4294439423



4280100449



4280100449

■ 4279443041

■ 4280757857

■ 4278850913

■ 4281349985

■ 4278193505

■ 4282007393

■ 4282665057

■ 4283322465

■ 4283914337

■ 4284572001

■ 4285229409

■ 4285821537

# Harmonies

## Analogous

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



4278202727



4280100449



4283045197

# Triad

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



4280100449



4283440128



4278204455

# Complementary

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



4280100449



4284569629

# 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.



4278203910



4280100449



4282067200

# Square

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



4280100449



4284221461



4280234496



4278204485

# Rectangle

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



4280100449



4283958843



4280234496



4278204189



# Sweetspot

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



4280100449



4284704381



4280115544



4281348672



4290756543



4282400832



# Same Dimension

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



4280100449



4279509629



4281736545



4281084976



4278194032



4278198512



# Inverse Universe

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



4284554534



4286387234



4282933533



4281347116



4285530127



4293918752



# Previews

## White Background



This preview shows how the Android color 4280100449 looks on a white background.

## Color Contrast Check

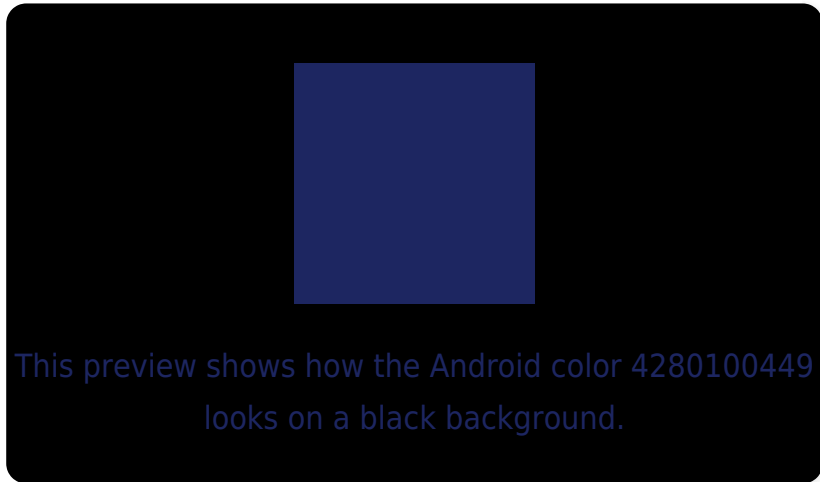
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280100449 Background



This preview shows how black text looks on a background with the Android color 4280100449.



This preview shows how white text looks on a background with the Android color 4280100449.

# 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**  
4280100449

**Protanopia**  
4278201178

**Deuteranopia**  
4278201678



# Trichromacy



**Original Color**

4280100449

**Protanomaly**

4278921565

**Deuteranomaly**

4278921813

**Tritanomaly**

4278922565

# Monochromacy



**Original Color**

4280100449

**Achromatopsia**

4280953386

**Achromatomaly**

4280625470

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280100449 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(29, 38, 97)` looks like.

```
.text, #text, p{  
    color:rgb(29, 38, 97)  
}
```

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(29, 38, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 38, 97) }
```

## Border

The CSS property to change the border of an element to Android 4280100449 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(29, 38, 97) }
```

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

```
.border{ border-color:rgb(29, 38, 97) }
```

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

Here you see how a box with a 4 pixel rgb(29, 38, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 38, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 38, 97);  
box-shadow:4px 4px 4px 4px rgb(29, 38, 97)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280100449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 38, 97) }
```

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

```
.background{ background-color: rgb(29, 38,  
97) }
```

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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