

# Converting Colors

Android(4281337185)

Have a look what the booklet for  
Android(4281337185) contains.

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# Color

**Android(4281337185)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	300561
RGB	48, 5, 97
RGB Percent	19%, 2%, 38%
CMY	0.8118, 0.9804, 0.6196
CMYK	0.51, 0.95, 0.00, 0.62
HSL	268°, 90%, 20%
HSV	268°, 95%, 38%
XYZ	3.4309, 1.6000, 11.4373
YIQ	28.3450, -3.9040, 37.7280

# Conversions

## Conversions Part 2

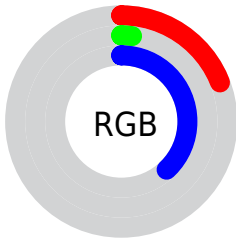
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 5, 97
Decimal	3147105
CIELab	13.23, 39.25, -43.97
CIELCh	13, 58.941, 311.755
Yxy	1.6000, 0.2083, 0.0972
Android (android.graphics.Color)	4281337185 (0xFF300561)
YUV	28.3450, 33.8469, 17.2374
Hunter-Lab	12.6491, 26.2795, -44.7556

# Details

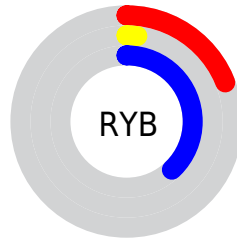
The Android color **4281337185** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4281753861**, and the grayscale version is **4280032284**.

A 20% lighter version of the original color is **4284823445**, and **4278190129** is the 20% darker color. If you saturate the color by 10%, you get **4281139297**, and if you desaturate by 10%, it is **4281667425**.

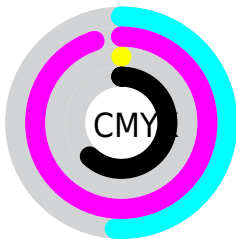
# Distribution



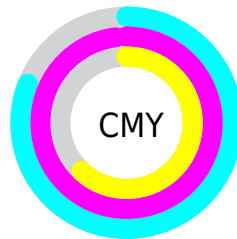
- Red (19%)
- Green (2%)
- Blue (38%)



- Red (19%)
- Yellow (2%)
- Blue (38%)



- Cyan (51%)
- Magenta (95%)
- Yellow (0%)
- Black (62%)




- Cyan (81%)
- Magenta (98%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281337185 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 4281337185 by changing the saturation by 10% instead.



 4281337185

 4281337185

 4294963711

 4279631945

 4284823445

 4278190129

 4286533552

 4278190363

 4288374987


 4278190080


 4290216680

 4292058623

 4293966079

 4294956287

 4281337185

 4281337185

■ 4281139297

■ 4281667425

■ 4281997409

■ 4282327649

■ 4282723425

■ 4283053665

■ 4283383649

■ 4283713889

■ 4284044129

■ 4284374113

# Harmonies

## Analogous

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



4278199414



4281337185



4284088381

# Triad

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



4281337185



4282324480



4278202930

# Complementary

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



4281337185



4281753861

# 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.



4278202368



4281337185



4280034816

# Square

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



4281337185



4283891712



4278201600



4278202713

# Rectangle

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



4281337185



4284612642



4278201600



4278202659



# Sweetspot

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



4281337185



4285160061



4278531681



4281608768



4290756543



4282400832



# Same Dimension

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



4281337185



4281991293



4284351841



4281216048



4281598064



4285530352



# Inverse Universe

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



4284548406



4286382147



4278739205



4281347118



4285530172

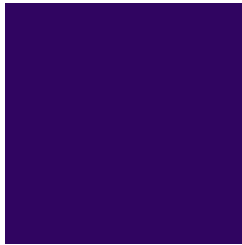


4293918848



# Previews

## White Background



This preview shows how the Android color 4281337185 looks on a white background.

## Color Contrast Check

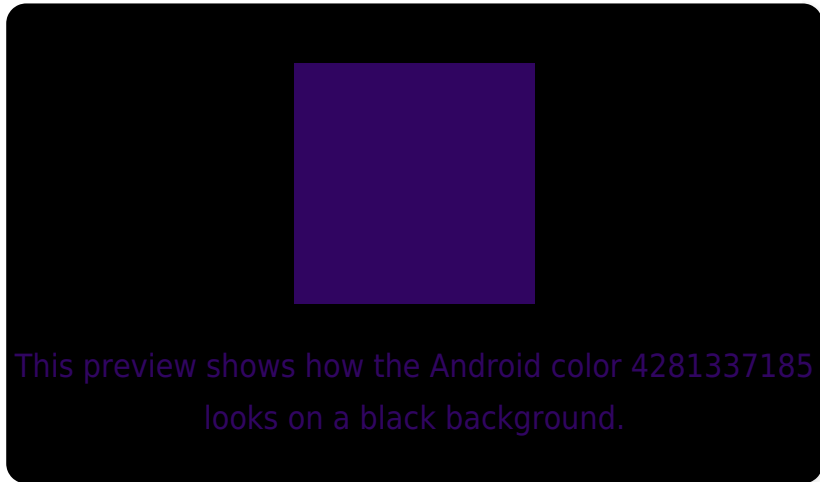
Large Text (above 18pt) WCAG AA ✓ Pass

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

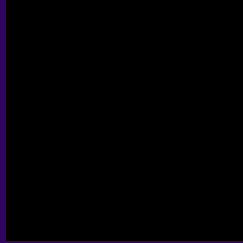
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281337185 Background



This preview shows how black text looks on a background with the Android color 4281337185.



This preview shows how white text looks on a background with the Android color 4281337185.

# 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**  
4281337185

**Protanopia**  
4278199371

**Deuteranopia**  
4278199872



**Tritanopia**  
4280297001

# Trichromacy



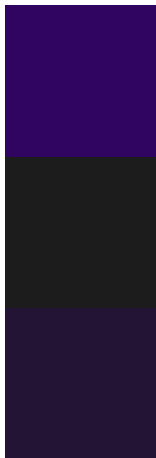
**Original Color**  
4281337185

**Protanomaly**  
4279310675

**Deuteranomaly**  
4279310924

**Tritanomaly**  
4280687165

# Monochromacy



**Original Color**  
4281337185

**Achromatopsia**  
4280032284

**Achromatomaly**  
4280489013

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281337185 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(48, 5, 97)` looks like.

```
.text, #text, p{  
    color:rgb(48, 5, 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(48, 5, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 5, 97) }
```

## Border

The CSS property to change the border of an element to Android 4281337185 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(48, 5, 97) }
```

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

```
.border{ border-color:rgb(48, 5, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 5, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 5, 97); -webkit-box-shadow:4px  
4px 4px 4px rgb(48, 5, 97); box-shadow:4px  
4px 4px 4px rgb(48, 5, 97) }
```

# Background

The CSS property to change the background color of an element to Android 4281337185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 5, 97) }
```

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

```
.background{ background-color: rgb(48, 5,  
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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