

# Converting Colors

Android(4281936307)

Have a look what the booklet for  
Android(4281936307) contains.

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# Color

**Android(4281936307)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3929B3
RGB	57, 41, 179
RGB Percent	22%, 16%, 70%
CMY	0.7765, 0.8392, 0.2980
CMYK	0.68, 0.77, 0.00, 0.30
HSL	247°, 63%, 43%
HSV	247°, 77%, 70%
XYZ	10.6170, 5.7104, 43.1905
YIQ	61.5160, -34.7620, 46.3100

# Conversions

## Conversions Part 2

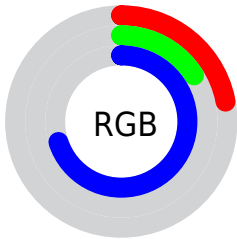
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 41, 179
Decimal	3746227
CIELab	28.67, 48.26, -69.93
CIELCh	29, 84.969, 304.608
Yxy	5.7104, 0.1784, 0.0959
Android (android.graphics.Color)	4281936307 (0xFF3929B3)
YUV	61.5160, 57.9196, -3.9605
Hunter-Lab	23.8965, 37.4870, -90.4333

# Details

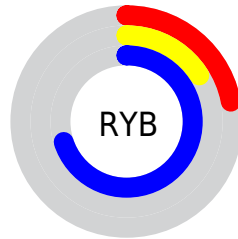
The Android color **4281936307** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **4288918313**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4286143212**, and **4278190205** is the 20% darker color. If you saturate the color by 10%, you get **4280883123**, and if you desaturate by 10%, it is **4282989491**.

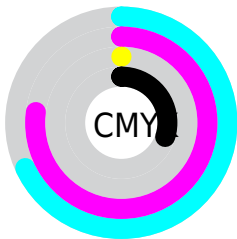
# Distribution



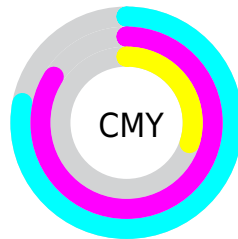
- Red (22%)
- Green (16%)
- Blue (70%)



- Red (22%)
- Yellow (16%)
- Blue (70%)



- Cyan (68%)
- Magenta (77%)
- Yellow (0%)
- Black (30%)




- Cyan (78%)
- Magenta (84%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281936307 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 4281936307 by changing the saturation by 10% instead.



 4281936307

 4281936307

4294967295

 4278456728

 4286143212


 4278190205

 4288050175

 4278190179

 4290022911

 4278192458

 4291995903

 4278191154


 4293969151

 4278190620

 4294959359

 4278190080

 4294966783

 4281936307

 4281936307

■ 4280883123

■ 4282989491

■ 4279829939

■ 4284042675

■ 4279566515

■ 4285030323

■ 4286083507

■ 4287136691

■ 4288189619

■ 4289242803

■ 4290295987

■ 4291283635

# Harmonies

## Analogous

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



4278209739



4281936307



4287889533

# Triad

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



4281936307



4286457088



4278213197

# Complementary

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



4281936307



4288918313

# 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.



4278212352



4281936307



4283122944

# Square

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



4281936307



4288741376



4278211072



4278213518

# Rectangle

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



4281936307



4289265747



4278211072



4278212917



# Sweetspot

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



4281936307



4290360296



4280919475



4283978869



4294309365



4285887861



# Same Dimension

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



4281936307



4280881384



4286327219



4283519065



4279369881



4278386714



# Inverse Universe

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



4289931683



4293398735



4284527401



4284043352



4288217223

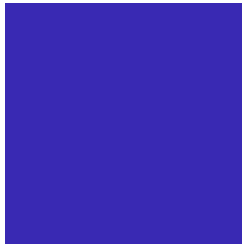


4279894039



# Previews

## White Background



This preview shows how the Android color 4281936307 looks on a white background.

## Color Contrast Check

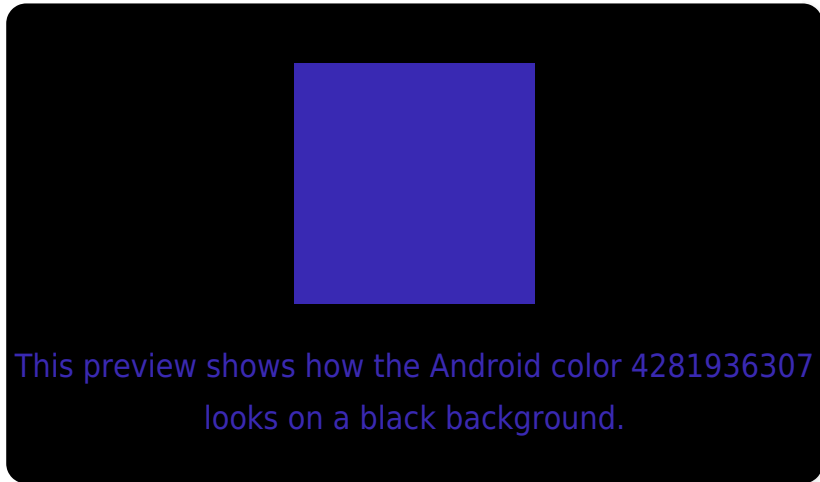
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281936307 Background



This preview shows how black text looks on a background with the Android color 4281936307.



This preview shows how white text looks on a background with the Android color 4281936307.

# 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**  
4281936307

**Protanopia**  
4278206857

**Deuteranopia**  
4278208117



# Trichromacy



**Original Color**  
4281936307

**Protanomaly**  
4279580824

**Deuteranomaly**  
4279581580

**Tritanomaly**  
4279582580

# Monochromacy



**Original Color**  
4281936307

**Achromatopsia**  
4282269246

**Achromatomaly**  
4282136169

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281936307 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(57, 41, 179)` looks like.

```
.text, #text, p{  
    color:rgb(57, 41, 179)  
}
```

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(57, 41, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 41, 179) }
```

## Border

The CSS property to change the border of an element to Android 4281936307 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(57, 41, 179) }
```

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

```
.border{ border-color:rgb(57, 41, 179) }
```

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

Here you see how a box with a 4 pixel rgb(57, 41, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 41, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 41, 179);  
box-shadow:4px 4px 4px 4px rgb(57, 41,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4281936307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 41, 179) }
```

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

```
.background{ background-color: rgb(57, 41,  
179) }
```

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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