

# Converting Colors

Android(4281933931)

Have a look what the booklet for  
Android(4281933931) contains.

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# Color

**Android(4281933931)**

# Conversions

## Conversions Part 1

Format	Color
Hex	39206B
RGB	57, 32, 107
RGB Percent	22%, 13%, 42%
CMY	0.7765, 0.8745, 0.5804
CMYK	0.47, 0.70, 0.00, 0.58
HSL	260°, 54%, 27%
HSV	260°, 70%, 42%
XYZ	4.8577, 2.9644, 14.2261
YIQ	48.0250, -9.1750, 28.6250

# Conversions

## Conversions Part 2

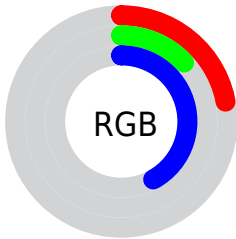
<b>Format</b>	<b>Color</b>
<b>RYB</b>	57, 32, 107
Decimal	3743851
CIELab	19.90, 30.81, -39.59
CIELCh	20, 50.163, 307.891
Yxy	2.9644, 0.2203, 0.1345
Android (android.graphics.Color)	4281933931 (0xFF39206B)
YUV	48.0250, 29.0747, 7.8711
Hunter-Lab	17.2175, 20.2309, -36.9366

# Details

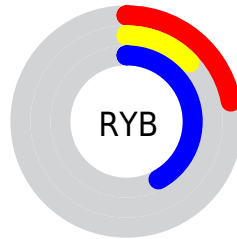
The Android color **4281933931** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **4283591456**, and the grayscale version is **4281348144**.

A 20% lighter version of the original color is **4285353631**, and **4278976571** is the 20% darker color. If you saturate the color by 10%, you get **4281472363**, and if you desaturate by 10%, it is **4282395499**.

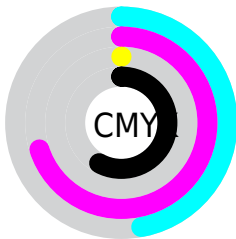
# Distribution



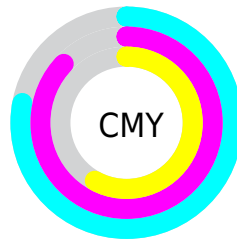
- Red (22%)
- Green (13%)
- Blue (42%)



- Red (22%)
- Yellow (13%)
- Blue (42%)



- Cyan (47%)
- Magenta (70%)
- Yellow (0%)
- Black (58%)



- Cyan (78%)
- Magenta (87%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281933931 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 4281933931 by changing the saturation by 10% instead.





4281933931



4281933931

4294967295



4280224338



4285353631



4278976571



4287063994



4278190628



4288839894



4278190092



4290681587



4278190080



4292589055



4294496767



4294962687



4281933931



4281933931

■ 4281472363

■ 4282395499

■ 4281011051

■ 4282856811

■ 4280549483

■ 4283318379

■ 4283845483

■ 4284307051

■ 4284768363

■ 4285229931

■ 4285691499

■ 4286152811

# Harmonies

## Analogous

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



4278203002



4281933931



4284547148

# Triad

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



4281933931



4283572992



4278206009

# Complementary

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



4281933931



4283591456

# 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.



4278205714



4281933931



4281610752

# Square

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



4281933931



4284876032



4278466816



4278206045

# Rectangle

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



4281933931



4285268020



4278466816



4278205996



# Sweetspot

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



4281933931



4286148492



4280308331



4282136135



4291282887



4282861383



# Same Dimension

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



4281933931



4282259084



4284424299



4281479222



4280746101



4283564277



# Inverse Universe

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



4285210706



4287370853



4281101088



4281741364



4285857870

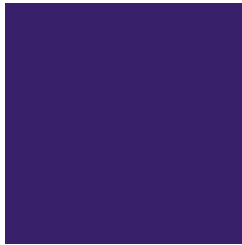


4294246563



# Previews

## White Background



This preview shows how the Android color 4281933931 looks on a white background.

## Color Contrast Check

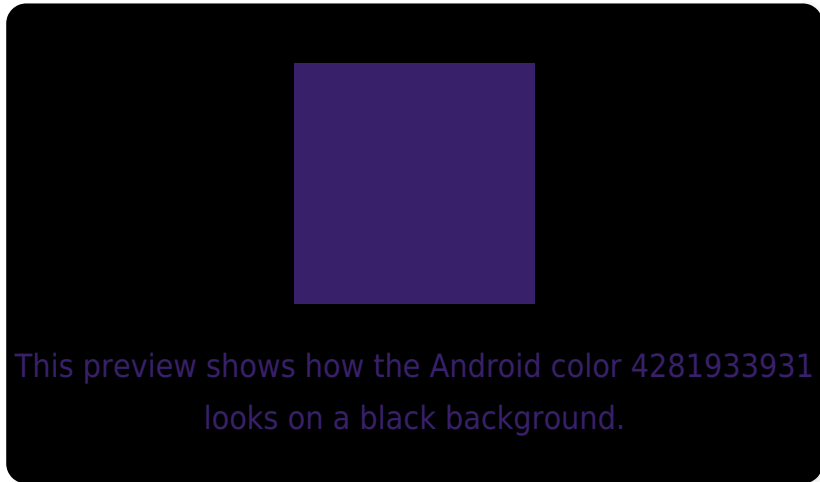
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281933931 Background



This preview shows how black text looks on a background with the Android color 4281933931.



This preview shows how white text looks on a background with the Android color 4281933931.

# 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**  
4281933931

**Protanopia**  
4278202211

**Deuteranopia**  
4278202966



# Trichromacy



**Original Color**  
4281933931

**Protanomaly**  
4279577190

**Deuteranomaly**  
4279577438

**Tritanomaly**  
4281346889

# Monochromacy



**Original Color**  
4281933931

**Achromatopsia**  
4281348144

**Achromatomaly**  
4281543237

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281933931 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, 32, 107)` looks like.

```
.text, #text, p{  
    color:rgb(57, 32, 107)  
}
```

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, 32, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 32, 107) }
```

## Border

The CSS property to change the border of an element to Android 4281933931 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, 32, 107) }
```

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

```
.border{ border-color:rgb(57, 32, 107) }
```

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

Here you see how a box with a 4 pixel rgb(57, 32, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 32, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 32, 107);  
box-shadow:4px 4px 4px 4px rgb(57, 32,  
107) }
```

# Background

The CSS property to change the background color of an element to Android 4281933931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 32, 107) }
```

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

```
.background{ background-color: rgb(57, 32,  
107) }
```

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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