

# Converting Colors

Android(4281407815)

Have a look what the booklet for  
Android(4281407815) contains.

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# Color

**Android(4281407815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	311947
RGB	49, 25, 71
RGB Percent	19%, 10%, 28%
CMY	0.8078, 0.9020, 0.7216
CMYK	0.31, 0.65, 0.00, 0.72
HSL	271°, 48%, 19%
HSV	271°, 65%, 28%
XYZ	2.7516, 1.8032, 6.1643
YIQ	37.4200, -0.4620, 19.3940

# Conversions

## Conversions Part 2

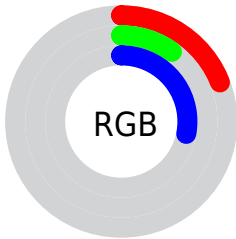
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 25, 71
Decimal	3217735
CIE <sub>Lab</sub>	14.42, 22.41, -24.35
CIE <sub>LCh</sub>	14, 33.095, 312.628
Yxy	1.8032, 0.2567, 0.1682
Android (android.graphics.Color)	4281407815 (0xFF311947)
YUV	37.4200, 16.5549, 10.1557
Hunter-Lab	13.4282, 13.0773, -17.8176

# Details

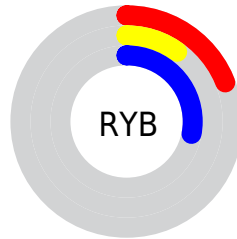
The Android color **4281407815** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4281288473**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4284564856**, and **4278190363** is the 20% darker color. If you saturate the color by 10%, you get **4281209415**, and if you desaturate by 10%, it is **4281606215**.

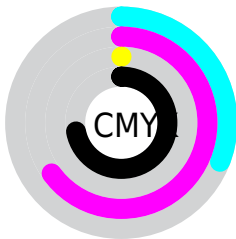
# Distribution



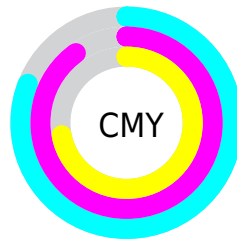
- Red (19%)
- Green (10%)
- Blue (28%)



- Red (19%)
- Yellow (10%)
- Blue (28%)



- Cyan (31%)
- Magenta (65%)
- Yellow (0%)
- Black (72%)



- Cyan (81%)
- Magenta (90%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281407815 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 4281407815 by changing the saturation by 10% instead.





4281407815



4281407815

4294967295



4280025392



4284564856



4278190363



4286209426



4278190080



4287985324



4289761480



4291537892



4293445375



4294959871



4281407815



4281407815

■ 4281209415

■ 4281606215

■ 4280945479

■ 4281870151

■ 4280747079

■ 4282068551

■ 4280614983

■ 4282332487

■ 4282530887

■ 4282729543

■ 4282993479

■ 4283191879

■ 4283455815

# Harmonies

## Analogous

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



4278199378



4281407815



4282780467

# Triad

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



4281407815



4281933312



4278202158

# Complementary

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



4281407815



4281288473

# 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.



4278201878



4281407815



4280690176

# Square

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



4281407815



4282913280



4278987520



4278201924

# Rectangle

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



4281407815



4283172387



4278987520



4278201894



# Sweetspot

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



4281407815



4283648604



4279840583



4280886062



4289572269



4281216558



# Same Dimension

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



4281407815



4281996380



4282849606



4280426532



4281598051



4285923555



# Inverse Universe

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



4282849583



4284224566



4279846682



4280557602



4284678192



4293066861



# Previews

## White Background



This preview shows how the Android color 4281407815 looks on a white background.

## Color Contrast Check

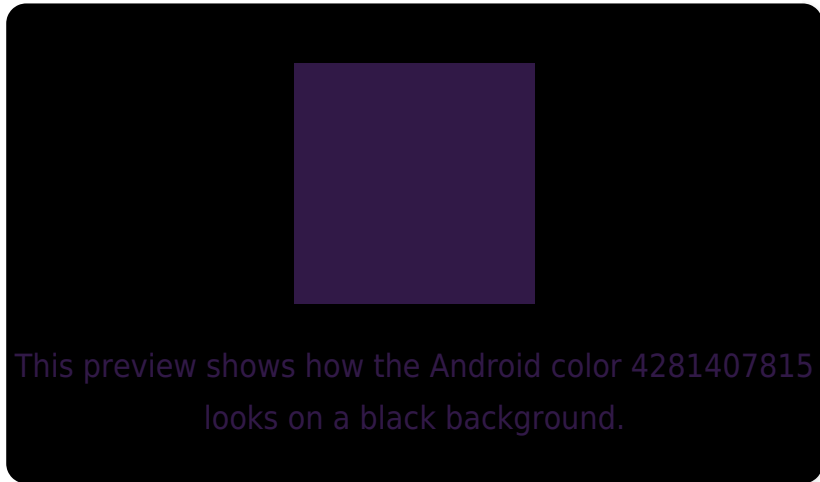
Large Text (above 18pt) WCAG AA ✓ Pass

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

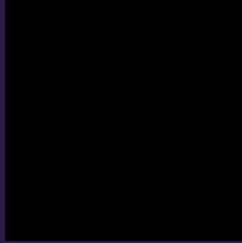
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281407815 Background



This preview shows how black text looks on a background with the Android color 4281407815.



This preview shows how white text looks on a background with the Android color 4281407815.

# 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**  
4281407815

**Protanopia**  
4278199372

**Deuteranopia**  
4278199875



**Tritanopia**  
4281017126

# Trichromacy



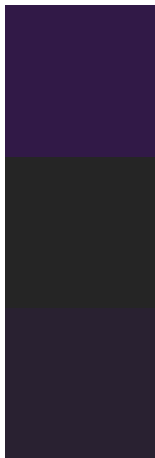
**Original Color**  
4281407815

**Protanomaly**  
4279377994

**Deuteranomaly**  
4279378244

**Tritanomaly**  
4281147186

# Monochromacy



**Original Color**  
4281407815

**Achromatopsia**  
4280624421

**Achromatomaly**  
4280885553

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281407815 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(49, 25, 71)` looks like.

```
.text, #text, p{  
    color:rgb(49, 25, 71)  
}
```

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(49, 25, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 25, 71) }
```

## Border

The CSS property to change the border of an element to Android 4281407815 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(49, 25, 71) }
```

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

```
.border{ border-color:rgb(49, 25, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 25, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 25, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 25, 71);  
box-shadow:4px 4px 4px 4px rgb(49, 25, 71)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281407815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 25, 71) }
```

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

```
.background{ background-color: rgb(49, 25,  
71) }
```

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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