

# Converting Colors

Android(4281337904)

Have a look what the booklet for  
Android(4281337904) contains.

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**Color**

**Android(4281337904)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	300830
RGB	48, 8, 48
RGB Percent	19%, 3%, 19%
CMY	0.8118, 0.9686, 0.8118
CMYK	0.00, 0.83, 0.00, 0.81
HSL	300°, 71%, 11%
HSV	300°, 83%, 19%
XYZ	1.8393, 1.0154, 2.8954
YIQ	24.5200, 11.0000, 20.9200

# Conversions

## Conversions Part 2

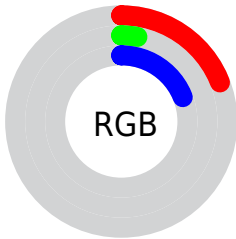
Format	Color
<a href="#">RYB</a>	48, 8, 48
Decimal	3147824
CIELab	9.12, 25.96, -16.39
CIElCh	9, 30.702, 327.742
Yxy	1.0154, 0.3199, 0.1766
Android (android.graphics.Color)	4281337904 (0xFF300830)
YUV	24.5200, 11.5756, 20.5920
Hunter-Lab	10.0769, 14.9455, -9.9817

# Details

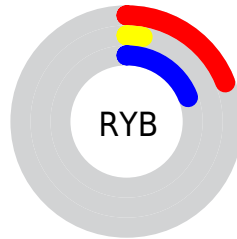
The Android color **4281337904** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4278726664**, and the grayscale version is **4279769112**.

A 20% lighter version of the original color is **4284495198**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281336624**, and if you desaturate by 10%, it is **4281339184**.

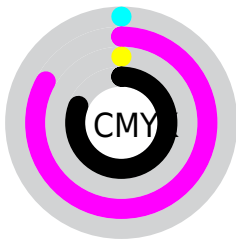
# Distribution



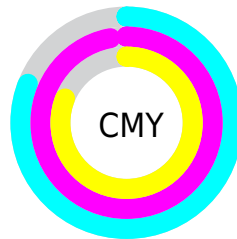
- Red (19%)
- Green (3%)
- Blue (19%)



- Red (19%)
- Yellow (3%)
- Blue (19%)



- Cyan (0%)
- Magenta (83%)
- Yellow (0%)
- Black (81%)



- Cyan (81%)
- Magenta (97%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281337904 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 4281337904 by changing the saturation by 10% instead.





4281337904



4281337904



4294962431



4280090652



4284495198



4278190080



4286139767



4287915409



4289691563



4291467719



4293375203



4294955263



4281337904



4281337904

■ 4281336624

■ 4281339184

■ 4281335856

■ 4281340464

■ 4281341488

■ 4281342768

■ 4281344048

■ 4281345328

■ 4281346608

■ 4281347632

■ 4281348912

# Harmonies

## Analogous

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



4279375167



4281337904



4282122268

# Triad

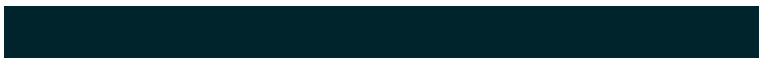
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4281337904



4280489984



4278199340

# Complementary

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



4281337904



4278726664

# 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.



4278199319



4281337904



4279049728

# Square

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



4281337904



4281470720



4278198784



4278198589

# Rectangle

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



4281337904



4282187788



4278198784



4278199334



# Sweetspot

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



4281337904



4282199613



4278716464



4280227103



4288585374



4280229663



# Same Dimension

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



4281337904



4282187837



4281337884



4279702807



4283891799



4292214998



# Inverse Universe

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



4281337904



4282187837



4278726684



4279702807



4283891799

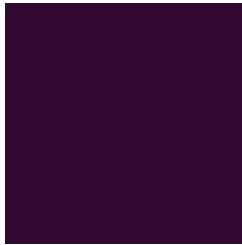


4292214998



# Previews

## White Background



This preview shows how the Android color 4281337904 looks on a white background.

## Color Contrast Check

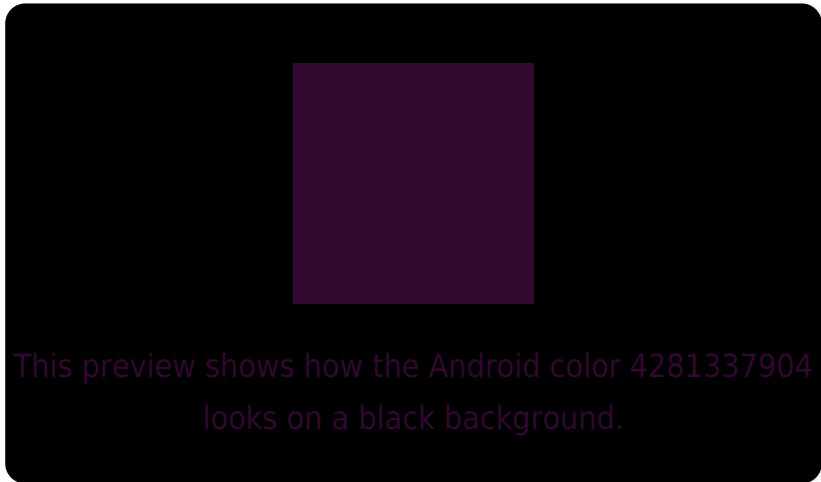
Large Text (above 18pt) WCAG AA ✓ Pass

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

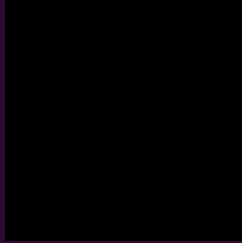
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281337904 Background



This preview shows how black text looks on a background with the Android color 4281337904.



This preview shows how white text looks on a background with the Android color 4281337904.

# 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**  
4281337904

**Protanopia**  
4278197049

**Deuteranopia**  
4279376941



# Trichromacy



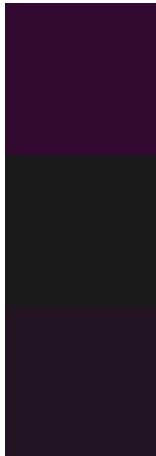
**Original Color**  
4281337904

**Protanomaly**  
4279309366

**Deuteranomaly**  
4280096046

**Tritanomaly**  
4281208863

# Monochromacy



**Original Color**  
4281337904

**Achromatopsia**  
4279834905

**Achromatomaly**  
4280357665

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281337904 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, 8, 48)` looks like.

```
.text, #text, p{  
    color:rgb(48, 8, 48)  
}
```

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, 8, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 8, 48) }
```

## Border

The CSS property to change the border of an element to Android 4281337904 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, 8, 48) }
```

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

```
.border{ border-color:rgb(48, 8, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 8, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 8, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(48, 8, 48); box-shadow:4px  
4px 4px 4px rgb(48, 8, 48) }
```

# Background

The CSS property to change the background color of an element to Android 4281337904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 8, 48) }
```

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

```
.background{ background-color: rgb(48, 8,  
48) }
```

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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