

# Converting Colors

Android(4288872481)

Have a look what the booklet for  
Android(4288872481) contains.

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# Color

**Android(4288872481)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A30021
RGB	163, 0, 33
RGB Percent	64%, 0%, 13%
CMY	0.3608, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.80, 0.36
HSL	348°, 100%, 32%
HSV	348°, 100%, 64%
XYZ	15.3788, 7.8963, 2.1524
YIQ	52.4990, 86.5550, 44.8190

# Conversions

## Conversions Part 2

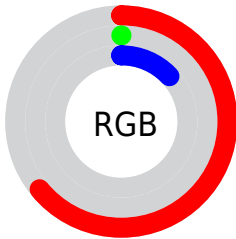
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 0, 33
Decimal	10682401
CIE <sub>Lab</sub>	33.77, 57.95, 31.73
CIE <sub>LCh</sub>	34, 66.064, 28.700
Yxy	7.8963, 0.6048, 0.3105
Android (android.graphics.Color)	4288872481 (0xFFA30021)
YUV	52.4990, -9.6130, 96.9094
Hunter-Lab	28.1004, 48.5136, 15.1288

# Details

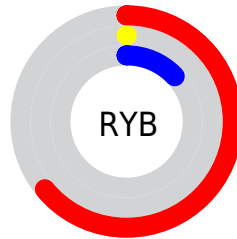
The Android color **4288872481** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **4278231938**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4292955213**, and **4284874752** is the 20% darker color. If you saturate the color by 10%, you get **4288872481**, and if you desaturate by 10%, it is **4288876590**.

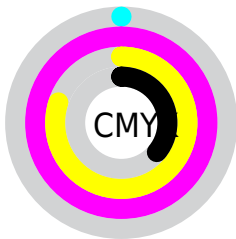
# Distribution



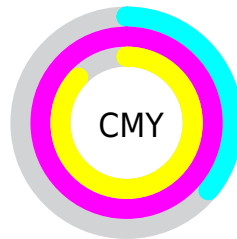
- Red (64%)
- Green (0%)
- Blue (13%)



- Red (64%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (100%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288872481 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 4288872481 by changing the saturation by 10% instead.



 4288872481

 4288872481

4294967295

 4286840844

 4292955213

 4284874752

 4294928486

 4282974209

 4294935679

 4281008129

 4294942873

 4278190080

 4294950323

 4294957775

 4294965227

 4288872481

 4288876590

 4288880955

 4288885064

 4288889173

 4288893538

 4288897647

 4288901756

 4288905865

 4288910230

# Harmonies

## Analogous

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



4289003604



4288872481



4287312896

# Triad

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



4288872481



4278214928



4278212794

# Complementary

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



4288872481



4278231938

# 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.



4278215338



4288872481



4278215756

# Square

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



4288872481



4281358848



4278216065



4282139309

# Rectangle

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



4288872481



4285679104



4278216065



4278213816



# Sweetspot

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



4288872481



4292121761



4286578851



4285220172



4293651435



4285229931



# Same Dimension

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



4288872481



4292083755



4288884224



4283582795



4287692829



4279369732



# Inverse Universe

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



4288872481



4292083755



4278220195



4283582795



4287692829



4279369732



# Previews

## White Background



This preview shows how the Android color 4288872481 looks on a white background.

## Color Contrast Check

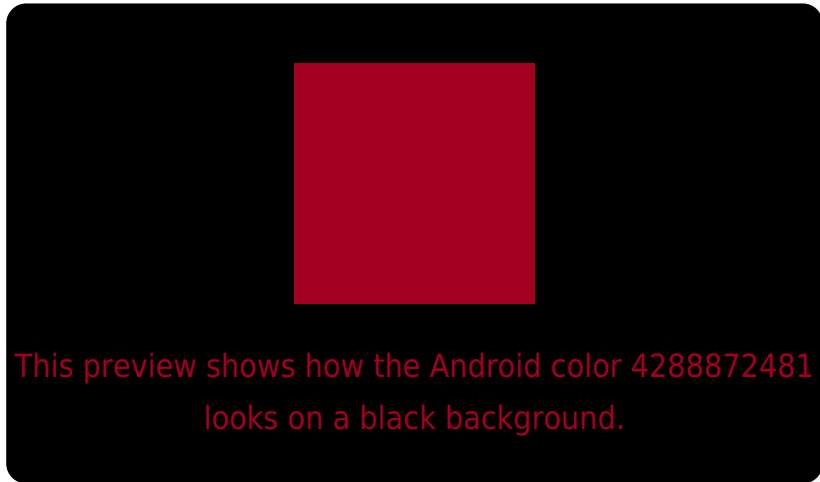
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288872481 Background



This preview shows how black text looks on a background with the Android color 4288872481.



This preview shows how white text looks on a background with the Android color 4288872481.

# 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**  
4288872481

**Protanopia**  
4284109619

**Deuteranopia**  
4285025813



# Trichromacy



**Original Color**  
4288872481

**Protanomaly**  
4285871404

**Deuteranomaly**  
4286394905

**Tritanomaly**  
4288874764

# Monochromacy



**Original Color**  
4288872481

**Achromatopsia**  
4281611316

**Achromatomaly**  
4284227885

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288872481 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(163, 0, 33)` looks like.

```
.text, #text, p{  
    color:rgb(163, 0, 33)  
}
```

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(163, 0, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 0, 33) }
```

## Border

The CSS property to change the border of an element to Android 4288872481 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(163, 0, 33) }
```

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

```
.border{ border-color:rgb(163, 0, 33) }
```

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

Here you see how a box with a 4 pixel rgb(163, 0, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 0, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 0, 33);  
box-shadow:4px 4px 4px 4px rgb(163, 0, 33)  
}
```

# Background

The CSS property to change the background color of an element to Android 4288872481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 0, 33) }
```

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

```
.background{ background-color: rgb(163, 0,  
33) }
```

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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