

# Converting Colors

Android(4282588233)

Have a look what the booklet for  
Android(4282588233) contains.

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**Color**

**Android(4282588233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	431C49
RGB	67, 28, 73
RGB Percent	26%, 11%, 29%
CMY	0.7373, 0.8902, 0.7137
CMYK	0.08, 0.62, 0.00, 0.71
HSL	292°, 45%, 20%
HSV	292°, 62%, 29%
XYZ	3.9326, 2.5048, 6.5795
YIQ	44.7910, 8.7990, 22.2630

# Conversions

## Conversions Part 2

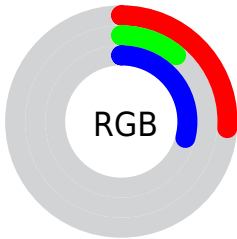
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 28, 73
Decimal	4398153
CIE <sub>Lab</sub>	17.94, 26.64, -19.96
CIE <sub>LCh</sub>	18, 33.291, 323.151
Yxy	2.5048, 0.3021, 0.1924
Android (android.graphics.Color)	4282588233 (0xFF431C49)
YUV	44.7910, 13.9070, 19.4773
Hunter-Lab	15.8267, 16.6567, -13.5696

# Details

The Android color **4282588233** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **4280437020**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4285876858**, and **4279631901** is the 20% darker color. If you saturate the color by 10%, you get **4282520905**, and if you desaturate by 10%, it is **4282655561**.

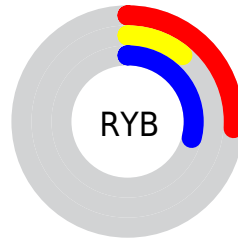
# Distribution



Red (26%)

Green (11%)

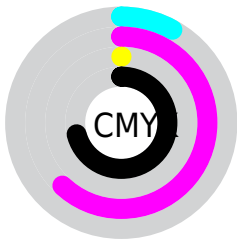
Blue (29%)



Red (26%)

Yellow (11%)

Blue (29%)

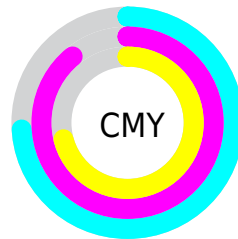


Cyan (8%)

Magenta (62%)

Yellow (0%)

Black (71%)



Cyan (74%)

Magenta (89%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282588233 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 4282588233 by changing the saturation by 10% instead.



 4282588233

 4282588233

4294967295

 4281074994


 4285876858

 4279631901

 4287586964

 4278190080

 4289297582

 4291139274

 4292981222

 4294888703

 4294961663

 4282588233

 4282588233

■ 4282520905

■ 4282655561

■ 4282453321

■ 4282723145

■ 4282385993

■ 4282790473

■ 4282318921

■ 4282857801

■ 4282925385

■ 4282992713

■ 4283060041

■ 4283127369

■ 4283194953

# Harmonies

## Analogous

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



4280166488



4282588233



4283634226

# Triad

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



4282588233



4282132736



4278204222

# Complementary

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



4282588233



4280437020

# 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.



4278203941



4282588233



4280692736

# Square

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



4282588233



4283244032



4278203404



4278203730

# Rectangle

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



4282588233



4283830562



4278203404



4278204214



# Sweetspot

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



4282588233



4284239198



4280033865



4281280048



4289769648



4281348144



# Same Dimension

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



4282588233



4283767134



4282981432



4280492068



4283826275



4291100899



# Inverse Universe

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



4282981410



4284356898



4280043821



4280557601



4284678157

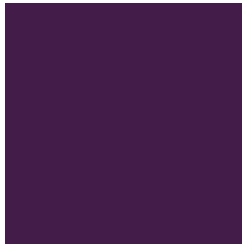


4293066782



# Previews

## White Background



This preview shows how the Android color 4282588233 looks on a white background.

## Color Contrast Check

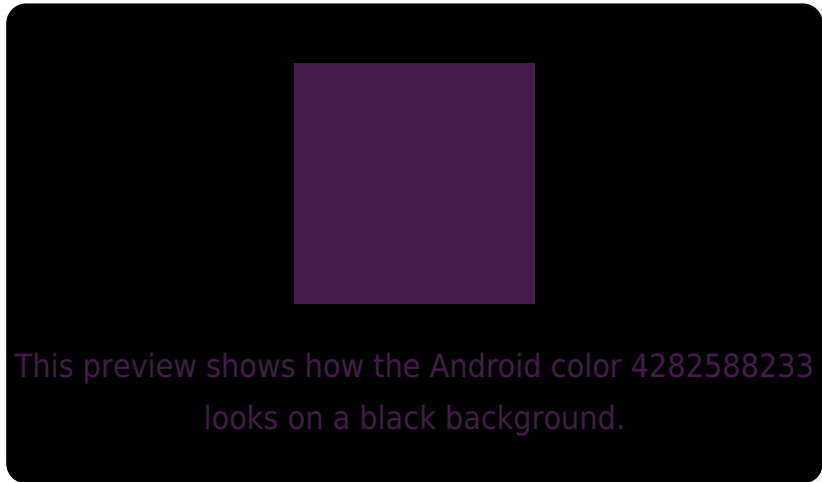
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282588233 Background



This preview shows how black text looks on a background with the Android color 4282588233.



This preview shows how white text looks on a background with the Android color 4282588233.

# 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**

4282588233

**Protanopia**

4279380824

**Deuteranopia**

4280233286



# Trichromacy



**Original Color**  
4282588233

**Protanomaly**  
4280559187

**Deuteranomaly**  
4281083719

**Tritanomaly**  
4282393140

# Monochromacy



**Original Color**  
4282588233

**Achromatopsia**  
4281150765

**Achromatomaly**  
4281673527

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282588233 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(67, 28, 73)` looks like.

```
.text, #text, p{  
    color:rgb(67, 28, 73)  
}
```

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(67, 28, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 28, 73) }
```

## Border

The CSS property to change the border of an element to Android 4282588233 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(67, 28, 73) }
```

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

```
.border{ border-color:rgb(67, 28, 73) }
```

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

Here you see how a box with a 4 pixel rgb(67, 28, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 28, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 28, 73);  
box-shadow:4px 4px 4px 4px rgb(67, 28, 73)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282588233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 28, 73) }
```

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

```
.background{ background-color: rgb(67, 28,  
73) }
```

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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