

# Converting Colors

Android(4280624417)

Have a look what the booklet for  
Android(4280624417) contains.

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# Color

**Android(4280624417)**

# Conversions

## Conversions Part 1

Format	Color
Hex	252521
RGB	37, 37, 33
RGB Percent	15%, 15%, 13%
CMY	0.8549, 0.8549, 0.8706
CMYK	0.00, 0.00, 0.11, 0.85
HSL	60°, 6%, 14%
HSV	60°, 11%, 15%
XYZ	1.6990, 1.8263, 1.7018
YIQ	36.5440, 1.2840, -1.2440

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	33, 37, 33
Decimal	2434337
CIE Lab	14.55, -0.94, 2.66
CIE LCh	15, 2.823, 109.370
Yxy	1.8263, 0.3250, 0.3494
Android (android.graphics.Color)	4280624417 (0xFF252521)
YUV	36.5440, -1.7472, 0.3999
Hunter-Lab	13.5139, -1.2075, 1.9934

# Details

The Android color **4280624417** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280361253**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4283585101**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280624413**, and if you desaturate by 10%, it is **4280624421**.

# Distribution



Red (15%)

Green (15%)

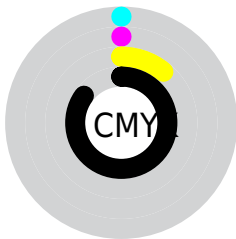
Blue (13%)



Red (13%)

Yellow (15%)

Blue (13%)



Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280624417 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 4280624417 by changing the saturation by 10% instead.





4280624417



4280624417

4294967295



4279242762



4283585101



4278190080



4285164133



4286808958



4288519576



4290295986



4292072398



4293980394



4280624417



4280624417

■ 4280624413

■ 4280624421

■ 4280624410

■ 4280624424

■ 4280624406

■ 4280624428

■ 4280624402

■ 4280624432

■ 4280624399

■ 4280624436

■ 4280624395

■ 4280624439

■ 4280624391

■ 4280624443

■ 4280624387

■ 4280624447

■ 4280624384

■ 4280624450

# Harmonies

## Analogous

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



4280755233



4280624417



4280493602

# Triad

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



4280624417



4280297000



4280820518

# Complementary

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



4280624417



4280361253

# 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.



4280755239



4280624417



4280427817

# Square

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



4280624417



4280296998



4280558632



4280886051

# Rectangle

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



4280624417



4280362531



4280558632



4280820774



# Sweetspot

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



4280624417



4281348143



4280623393



4279900696



4288256409



4279900698



# Same Dimension

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



4280624417



4281348138



4280493345



4279374352



4283585024



4291940608



# Inverse Universe

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



4280361253



4280953392



4280492325



4279242770



4278190162

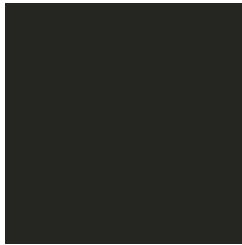


4278190289



# Previews

## White Background



This preview shows how the Android color 4280624417 looks on a white background.

## Color Contrast Check

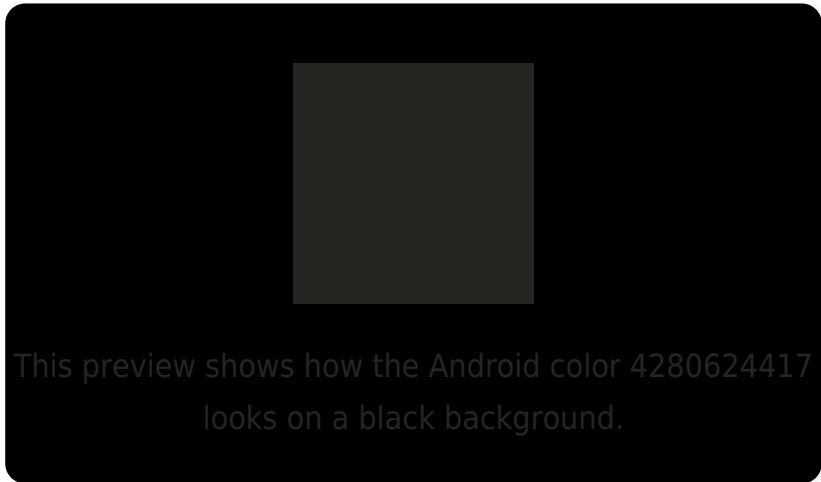
Large Text (above 18pt) WCAG AA ✓ Pass

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

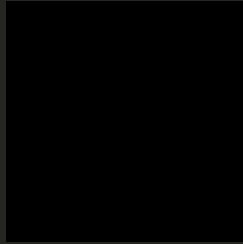
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4280624417 Background



This preview shows how black text looks on a background with the Android color 4280624417.

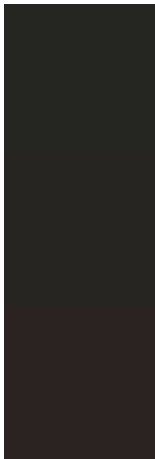


This preview shows how white text looks on a background with the Android color 4280624417.

# 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



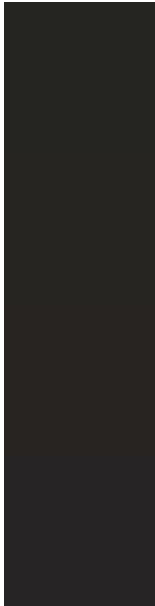
**Original Color**  
4280624417

**Protanopia**  
4280689953

**Deuteranopia**  
4280951585



# Trichromacy



**Original Color**

4280624417

**Protanomaly**

4280689953

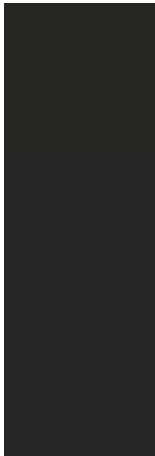
**Deuteranomaly**

4280820769

**Tritanomaly**

4280689701

# Monochromacy



**Original Color**

4280624417

**Achromatopsia**

4280624421

**Achromatomaly**

4280624420

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280624417 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(37, 37, 33)` looks like.

```
.text, #text, p{  
    color:rgb(37, 37, 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(37, 37, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 37, 33) }
```

## Border

The CSS property to change the border of an element to Android 4280624417 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(37, 37, 33) }
```

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

```
.border{ border-color:rgb(37, 37, 33) }
```

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

Here you see how a box with a 4 pixel rgb(37, 37, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 37, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 37, 33);  
box-shadow:4px 4px 4px 4px rgb(37, 37, 33)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280624417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 37, 33) }
```

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

```
.background{ background-color: rgb(37, 37,  
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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