

# Converting Colors

Android(4281870376)

Have a look what the booklet for  
Android(4281870376) contains.

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# Color

**Android(4281870376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	382828
RGB	56, 40, 40
RGB Percent	22%, 16%, 16%
CMY	0.7804, 0.8431, 0.8431
CMYK	0.00, 0.29, 0.29, 0.78
HSL	0°, 17%, 19%
HSV	0°, 29%, 22%
XYZ	2.7727, 2.5115, 2.3461
YIQ	44.7840, 9.5360, 3.3920

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 40, 40
Decimal	3680296
CIE <sub>Lab</sub>	17.97, 7.49, 2.92
CIE <sub>LCh</sub>	18, 8.041, 21.268
Yxy	2.5115, 0.3634, 0.3292
Android (android.graphics.Color)	4281870376 (0xFF382828)
YUV	44.7840, -2.3585, 9.8364
Hunter-Lab	15.8478, 3.4960, 2.3162

# Details

The Android color **4281870376** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280825912**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4284962133**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4281868834**, and if you desaturate by 10%, it is **4281871918**.

# Distribution



Red (22%)

Green (16%)

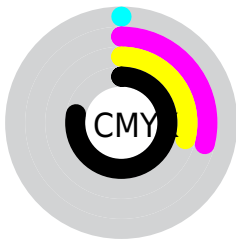
Blue (16%)



Red (22%)

Yellow (16%)

Blue (16%)



Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (78%)



Cyan (78%)

Magenta (84%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281870376 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 4281870376 by changing the saturation by 10% instead.





4281870376



4281870376

4294967295



4280423444



4284962133



4278190080



4286672237



4288382854



4290159009



4291935420



4293843159



4294964468



4281870376



4281870376

■ 4281868834

■ 4281871918

■ 4281867549

■ 4281873203

■ 4281866007

■ 4281874745

■ 4281864722

■ 4281876030

■ 4281863180

■ 4281877572

■ 4281861638

■ 4281879114

■ 4281860353

■ 4281880399

■ 4281860096

■ 4281881941

■ 4281883226

# Harmonies

## Analogous

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



4281739310



4281870376



4281739555

# Triad

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



4281870376



4280626725



4280495415

# Complementary

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



4281870376



4280825912

# 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.



4280102453



4281870376



4280233770

# Square

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



4281870376



4281085217



4280037168



4281019191

# Rectangle

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



4281870376



4281608737



4280037168



4280364599



# Sweetspot

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



4281870376



4283056963



4281870392



4280689186



4289111718



4280690214



# Same Dimension

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



4281870376



4283052337



4281872424



4280031513



4284219392



4292542464



# Inverse Universe

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



4280825912



4281420362



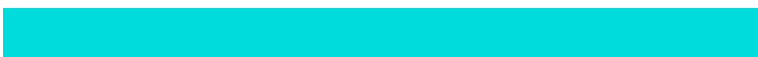
4280823864



4279835676



4278213724

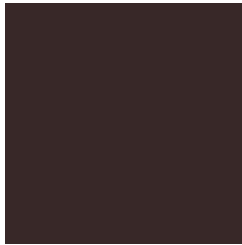


4278246363



# Previews

## White Background



This preview shows how the Android color 4281870376 looks on a white background.

## Color Contrast Check

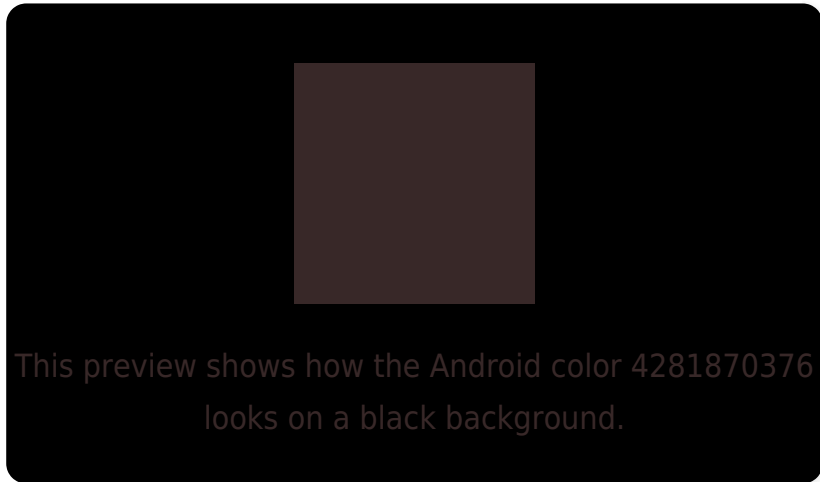
Large Text (above 18pt) WCAG AA ✓ Pass

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

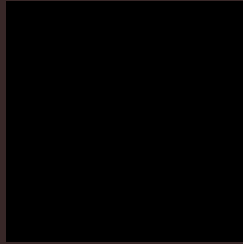
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281870376 Background



This preview shows how black text looks on a background with the Android color 4281870376.

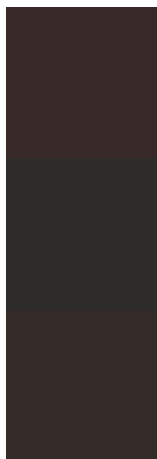


This preview shows how white text looks on a background with the Android color 4281870376.

# 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**

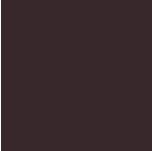
4281870376

**Protanopia**

4281150506

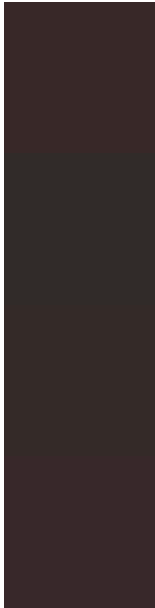
**Deuteranopia**

4281477928



**Tritanopia**  
4281870379

# Trichromacy



**Original Color**

4281870376

**Protanomaly**

4281412393

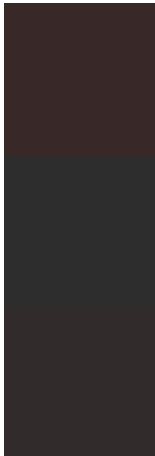
**Deuteranomaly**

4281608744

**Tritanomaly**

4281870378

# Monochromacy



**Original Color**

4281870376

**Achromatopsia**

4281150765

**Achromatomaly**

4281412395

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281870376 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(56, 40, 40)` looks like.

```
.text, #text, p{  
    color:rgb(56, 40, 40)  
}
```

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(56, 40, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 40, 40) }
```

## Border

The CSS property to change the border of an element to Android 4281870376 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(56, 40, 40) }
```

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

```
.border{ border-color:rgb(56, 40, 40) }
```

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

Here you see how a box with a 4 pixel rgb(56, 40, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 40, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 40, 40);  
box-shadow:4px 4px 4px 4px rgb(56, 40, 40)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281870376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 40, 40) }
```

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

```
.background{ background-color: rgb(56, 40,  
40) }
```

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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