

# Converting Colors

Android(4290871870)

Have a look what the booklet for  
Android(4290871870) contains.

<b>Android(4290871870)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4290871870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1823E
RGB	193, 130, 62
RGB Percent	76%, 51%, 24%
CMY	0.2431, 0.4902, 0.7569
CMYK	0.00, 0.33, 0.68, 0.24
HSL	31°, 51%, 50%
HSV	31°, 68%, 76%
XYZ	30.8445, 27.6505, 8.2688
YIQ	141.0850, 59.3760, -7.7920

# Conversions

## Conversions Part 2

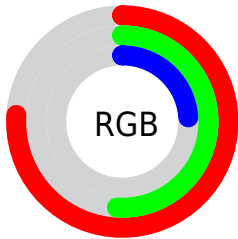
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 193, 62
Decimal	12681790
CIE <sub>Lab</sub>	59.57, 17.86, 45.60
CIE <sub>LCh</sub>	60, 48.973, 68.615
Yxy	27.6505, 0.4620, 0.4142
Android (android.graphics.Color)	4290871870 (0xFFC1823E)
YUV	141.0850, -38.9889, 45.5295
Hunter-Lab	52.5838, 12.6825, 27.4852

# Details

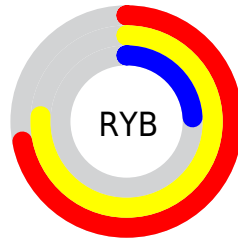
The Android color **4290871870** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **4282285505**, and the grayscale version is **4287466893**.

A 20% lighter version of the original color is **4294817648**, and **4287058186** is the 20% darker color. If you saturate the color by 10%, you get **4290869547**, and if you desaturate by 10%, it is **4290874193**.

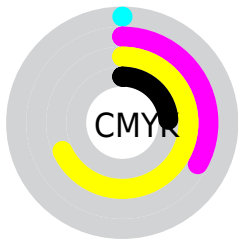
# Distribution



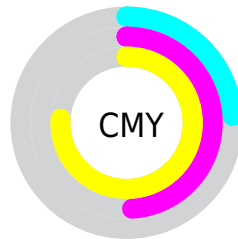
- Red (76%)
- Green (51%)
- Blue (24%)



- Red (72%)
- Yellow (76%)
- Blue (24%)



- Cyan (0%)
- Magenta (33%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (49%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4290871870 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 4290871870 by changing the saturation by 10% instead.





4290871870



4290871870

4294967295



4288964901



4294817648



4287058186



4294955915



4285217024



4294963109



4283441920



4294967233



4281667328



4294967261



4280156161



4294967290



4278190080



4290871870



4290871870



4290869547



4290874193

■ 4290866967

■ 4290876773

■ 4290864644

■ 4290879096

■ 4290864128

■ 4290881419

■ 4290883743

■ 4290886322

■ 4290888645

■ 4290890968

■ 4290893548

# Harmonies

## Analogous

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



4292440668



4290871870



4288450869

# Triad

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



4290871870



4278232475



4288905171

# Complementary

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



4290871870



4282285505

# 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.



4283994341



4290871870



4278232004

# Square

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



4290871870



4280787822



4278230239



4291719088

# Rectangle

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



4290871870



4286486848



4278230239



4287530459

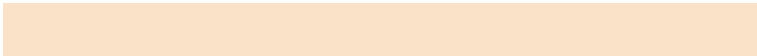


# Sweetspot

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



4290871870



4294632136



4290854525



4286410591



4294769916



4286414205



# Same Dimension

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



4290871870



4294613295



4290756926



4284570711



4288762624



4280357120



# Inverse Universe

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



4282285505



4281307642



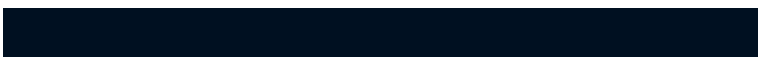
4282400449



4283915361



4278209953

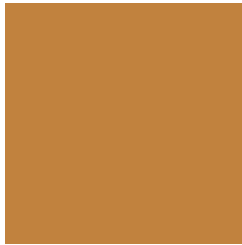


4278194209



# Previews

## White Background



This preview shows how the Android color 4290871870 looks on a white background.

## Color Contrast Check

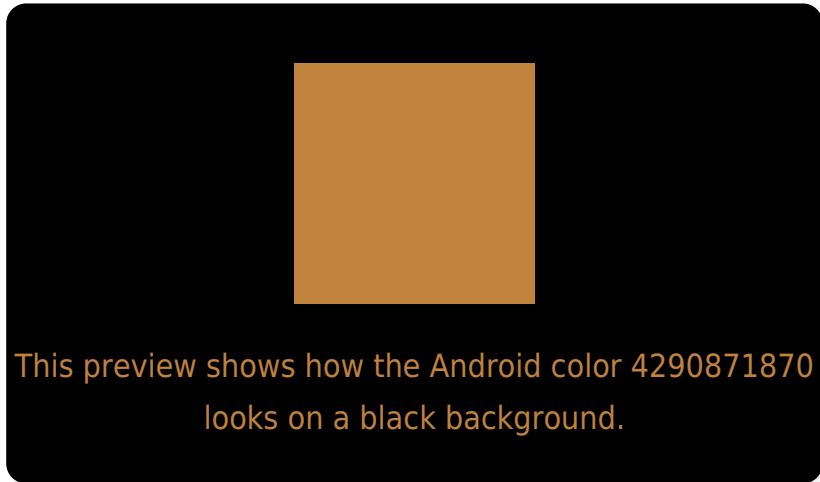
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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 × Fail

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



# Android 4290871870 Background



This preview shows how black text looks on a background with the Android color 4290871870.



This preview shows how white text looks on a background with the Android color 4290871870.

# 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**  
4290871870

**Protanopia**  
4288712770

**Deuteranopia**  
4289956156



**Tritanopia**  
4291197572

# Trichromacy



**Original Color**  
4290871870

**Protanomaly**  
4289497921

**Deuteranomaly**  
4290283069

**Tritanomaly**  
4291067243

# Monochromacy



**Original Color**  
4290871870

**Achromatopsia**  
4287466893

**Achromatomaly**  
4288711024

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4290871870 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(193, 130, 62)` looks like.

```
.text, #text, p{  
    color:rgb(193, 130, 62)  
}
```

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(193, 130, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 130, 62) }
```

## Border

The CSS property to change the border of an element to Android 4290871870 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(193, 130, 62) }
```

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

```
.border{ border-color:rgb(193, 130, 62) }
```

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

Here you see how a box with a 4 pixel rgb(193, 130, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 130, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 130, 62);  
box-shadow:4px 4px 4px 4px rgb(193, 130,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4290871870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 130, 62) }
```

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

```
.background{ background-color: rgb(193,  
130, 62) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor