

Converting Colors

Android(4291461943)

Have a look what the booklet for
Android(4291461943) contains.

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Color

Android(4291461943)

Conversions

Conversions Part 1

Format	Color
Hex	CA8337
RGB	202, 131, 55
RGB Percent	79%, 51%, 22%
CMY	0.2078, 0.4863, 0.7843
CMYK	0.00, 0.35, 0.73, 0.21
HSL	31°, 58%, 50%
HSV	31°, 73%, 79%
XYZ	33.1630, 29.0650, 7.4767
YIQ	143.5650, 66.7120, -8.5840

Conversions

Conversions Part 2

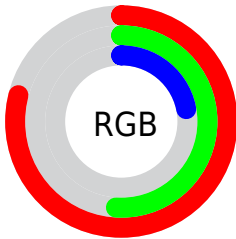
Format	Color
RYB	192, 202, 55
Decimal	13271863
CIELab	60.84, 20.80, 50.58
CIElCh	61, 54.690, 67.650
Yxy	29.0650, 0.4758, 0.4170
Android (android.graphics.Color)	4291461943 (0xFFCA8337)
YUV	143.5650, -43.6625, 51.2475
Hunter-Lab	53.9120, 15.4553, 29.5159

Details

The Android color **4291461943** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **4281827018**, and the grayscale version is **4287664272**.

A 20% lighter version of the original color is **4294948970**, and **4287582464** is the 20% darker color. If you saturate the color by 10%, you get **4291459363**, and if you desaturate by 10%, it is **4291464523**.

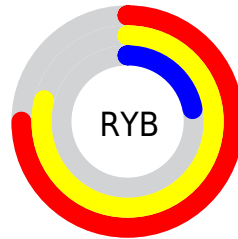
Distribution



Red (79%)

Green (51%)

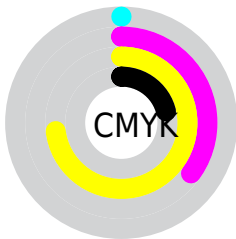
Blue (22%)



Red (75%)

Yellow (79%)

Blue (22%)

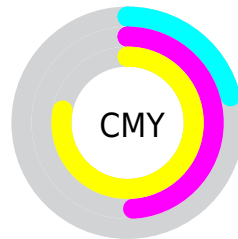


Cyan (0%)

Magenta (35%)

Yellow (73%)

Black (21%)



Cyan (21%)

Magenta (49%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291461943 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 4291461943 by changing the saturation by 10% instead.



4291461943



4291461943

4294967295



4289489437



4294948970



4287582464



4294956164



4285741568



4294963359



4283835392



4294967227



4282060288



4294967255



4280549376



4294967284



4278190080



4291461943



4291461943



4291459363



4291464523

■ 4291456783

■ 4291467103

■ 4291454976

■ 4291469428

■ 4291472008

■ 4291474588

■ 4291477168

■ 4291479492

■ 4291482073

■ 4291484653

Harmonies

Analogous

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



4293226842



4291461943



4288779307

Triad

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



4291461943



4278233758



4289102304

Complementary

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



4291461943



4281827018

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.



4283012339



4291461943



4278233549

Square

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



4291461943



4278954092



4278231788



4292308665

Rectangle

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



4291461943



4286684471



4278231788



4287531241

Sweetspot

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



4291461943



4294960327



4291442558



4286607198



4278190080



4286611584

Same Dimension

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



4291461943



4294939681



4291349047



4284899676



4289091072



4280685568

Inverse Universe

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



4281827018



4280388863



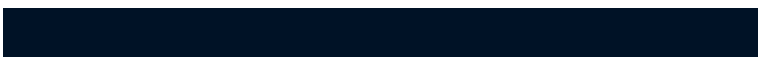
4281939914



4284244326



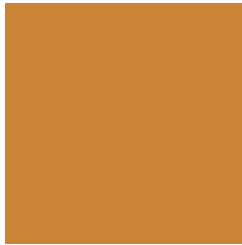
4278210726



4278194726

Previews

White Background



This preview shows how the Android color 4291461943 looks on a white background.

Color Contrast Check

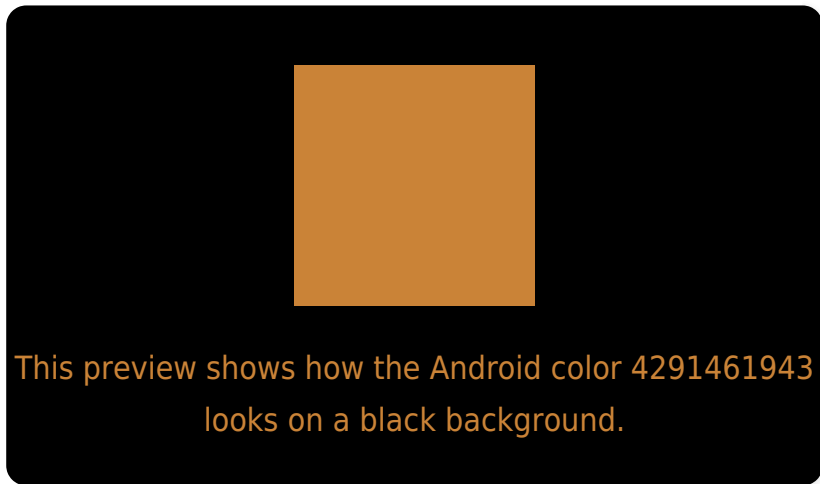
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291461943 Background



This preview shows how black text looks on a background with the Android color 4291461943.



This preview shows how white text looks on a background with the Android color 4291461943.

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
4291461943

Protanopia
4288975676

Deuteranopia
4290284596

Trichromacy



Original Color
4291461943

Protanomaly
4289891642

Deuteranomaly
4290742581

Tritanomaly
4291657320

Monochromacy



Original Color
4291461943

Achromatopsia
4287664272

Achromatomaly
4289039216

CSS Examples

Text

The CSS property to change the color of the text to Android 4291461943 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(202, 131, 55)` looks like.

```
.text, #text, p{  
    color:rgb(202, 131, 55)  
}
```

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(202, 131, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 131, 55) }
```

Border

The CSS property to change the border of an element to Android 4291461943 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(202, 131, 55) }
```

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

```
.border{ border-color:rgb(202, 131, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 131, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 131, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 131, 55);  
box-shadow:4px 4px 4px 4px rgb(202, 131,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4291461943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 131, 55) }
```

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

```
.background{ background-color: rgb(202,  
131, 55) }
```

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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