

Converting Colors

Android(4291003701)

Have a look what the booklet for
Android(4291003701) contains.

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Color

Android(4291003701)

Conversions

Conversions Part 1

Format	Color
Hex	C38535
RGB	195, 133, 53
RGB Percent	76%, 52%, 21%
CMY	0.2353, 0.4784, 0.7922
CMYK	0.00, 0.32, 0.73, 0.24
HSL	34°, 57%, 49%
HSV	34°, 73%, 76%
XYZ	31.5358, 28.6342, 7.2330
YIQ	142.4180, 62.6320, -11.7360

Conversions

Conversions Part 2

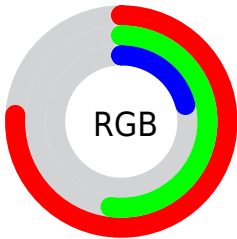
Format	Color
R_{YB}	163, 195, 53
Decimal	12813621
CIE Lab	60.46, 16.59, 50.82
CIE LCh	60, 53.462, 71.925
Yxy	28.6342, 0.4679, 0.4248
Android (android.graphics.Color)	4291003701 (0xFFC38535)
YUV	142.4180, -44.0831, 46.1144
Hunter-Lab	53.5109, 11.5520, 29.4435

Details

The Android color **4291003701** 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 **4281693123**, and the grayscale version is **4287598479**.

A 20% lighter version of the original color is **4294949480**, and **4287189760** is the 20% darker color. If you saturate the color by 10%, you get **4291001378**, and if you desaturate by 10%, it is **4291006025**.

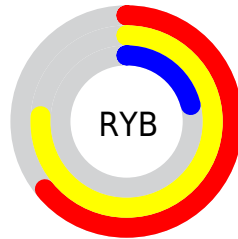
Distribution



Red (76%)

Green (52%)

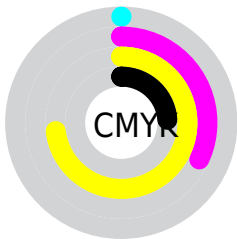
Blue (21%)



Red (64%)

Yellow (76%)

Blue (21%)

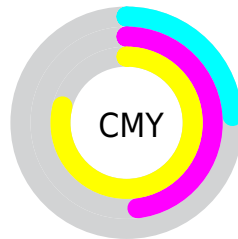


Cyan (0%)

Magenta (32%)

Yellow (73%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291003701 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 4291003701 by changing the saturation by 10% instead.



4291003701



4291003701

4294967295



4289096731



4294949480



4287189760



4294956674



4285348864



4294963869



4283508224



4294967225



4281733632



4294967253



4280221696



4294967282



4278190080



4291003701



4291003701



4291001378



4291006025

■ 4290999310

■ 4291008092

■ 4290997760

■ 4291010415

■ 4291012483

■ 4291014807

■ 4291016874

■ 4291019197

■ 4291021265

■ 4291023589

Harmonies

Analogous

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



4292834133



4291003701



4288320814

Triad

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



4291003701



4278233508



4289560024

Complementary

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



4291003701



4281693123

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.



4284322286



4291003701



4278233040

Square

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



4291003701



4278232947



4278231019



4292439216

Rectangle

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



4291003701



4286160189



4278231019



4288120034

Sweetspot

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



4291003701



4294763717



4290983285



4286607710



4278190080



4286611584

Same Dimension

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



4291003701



4294745377



4290560821



4284570967



4288764672



4280357632

Inverse Universe

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



4281693123



4280386044



4282136003



4283915105



4278208161



4278193697

Previews

White Background



This preview shows how the Android color 4291003701 looks on a white background.

Color Contrast Check

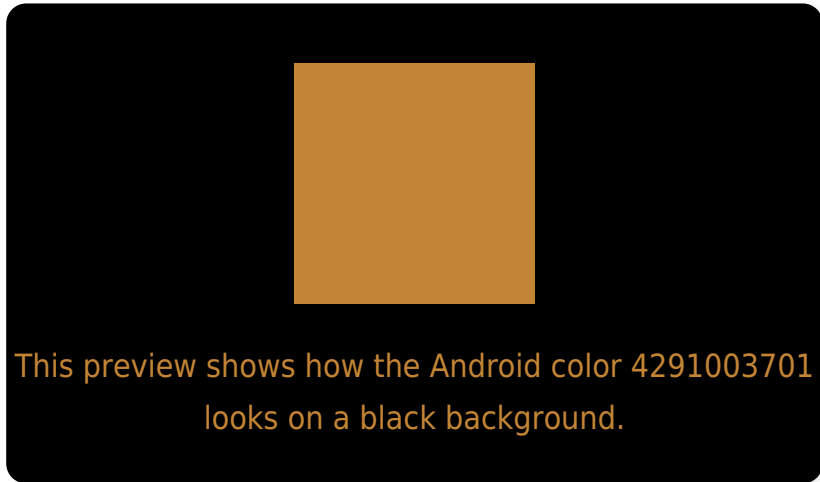
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291003701 Background



This preview shows how black text looks on a background with the Android color 4291003701.



This preview shows how white text looks on a background with the Android color 4291003701.

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
4291003701

Protanopia
4288909881

Deuteranopia
4290218803



Tritanopia
4291329414

Trichromacy



Original Color
4291003701

Protanomaly
4289695032

Deuteranomaly
4290480436

Tritanomaly
4291199081

Monochromacy



Original Color
4291003701

Achromatopsia
4287532686

Achromatomaly
4288777070

CSS Examples

Text

The CSS property to change the color of the text to Android 4291003701 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(195, 133, 53)` looks like.

```
.text, #text, p{  
    color:rgb(195, 133, 53)  
}
```

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(195, 133, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 133, 53) }
```

Border

The CSS property to change the border of an element to Android 4291003701 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(195, 133, 53) }
```

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

```
.border{ border-color:rgb(195, 133, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 133, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 133, 53); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 133, 53); box-shadow:4px 4px 4px 4px rgb(195, 133, 53) }
```

Background

The CSS property to change the background color of an element to Android 4291003701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 133, 53) }
```

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

```
.background{ background-color: rgb(195,  
133, 53) }
```

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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