

Converting Colors

Android(4291200825)

Have a look what the booklet for
Android(4291200825) contains.

Android(4291200825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291200825)

Conversions

Conversions Part 1

Format	Color
Hex	C68739
RGB	198, 135, 57
RGB Percent	78%, 53%, 22%
CMY	0.2235, 0.4706, 0.7765
CMYK	0.00, 0.32, 0.71, 0.22
HSL	33°, 55%, 50%
HSV	33°, 71%, 78%
XYZ	32.6912, 29.6291, 7.8669
YIQ	144.9450, 62.5860, -10.9020

Conversions

Conversions Part 2

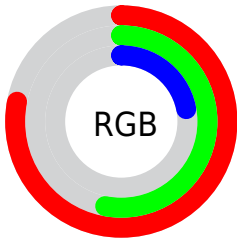
Format	Color
R_{YB}	171, 198, 57
Decimal	13010745
CIE Lab	61.33, 16.99, 50.03
CIE LCh	61, 52.839, 71.243
Yxy	29.6291, 0.4658, 0.4221
Android (android.graphics.Color)	4291200825 (0xFFC68739)
YUV	144.9450, -43.3569, 46.5292
Hunter-Lab	54.4326, 11.9465, 29.5340

Details

The Android color **4291200825** 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 **4281956550**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4294949996**, and **4287386880** is the 20% darker color. If you saturate the color by 10%, you get **4291198501**, and if you desaturate by 10%, it is **4291203149**.

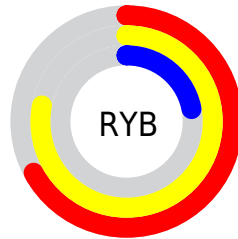
Distribution



Red (78%)

Green (53%)

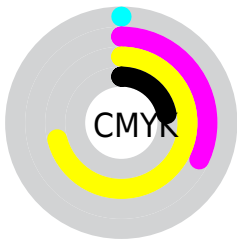
Blue (22%)



Red (67%)

Yellow (78%)

Blue (22%)

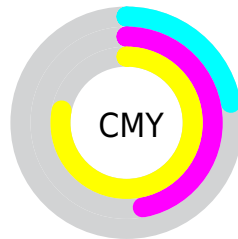


Cyan (0%)

Magenta (32%)

Yellow (71%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291200825 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 4291200825 by changing the saturation by 10% instead.



4291200825



4291200825

4294967295



4289293855



4294949996



4287386880



4294957190



4285480448



4294964385



4283639808



4294967229



4281930496



4294967257



4280418304



4294967286



4278190080



4291200825



4291200825



4291198501



4291203149

■ 4291196177

■ 4291205473

■ 4291194368

■ 4291207796

■ 4291209864

■ 4291212188

■ 4291214512

■ 4291216836

■ 4291219159

■ 4291221483

Harmonies

Analogous

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



4293031257



4291200825



4288517938

Triad

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



4291200825



4278234021



4289626331

Complementary

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



4291200825



4281956550

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.



4284453872



4291200825



4278233553

Square

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



4291200825



4278233460



4278231532



4292505523

Rectangle

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



4291200825



4286422847



4278231532



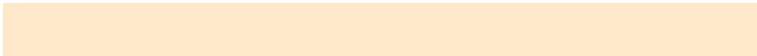
4288186340

Sweetspot

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



4291200825



4294961097



4291180920



4286607712



4278190080



4286611584

Same Dimension

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



4291200825



4294942246



4290758201



4284702554



4288895488



4280554496

Inverse Universe

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



4281956550



4280715263



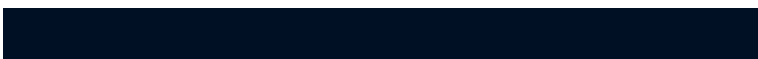
4282399174



4284112483



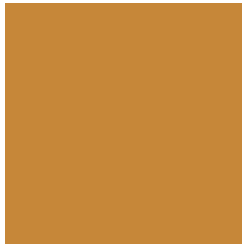
4278208931



4278194212

Previews

White Background



This preview shows how the Android color 4291200825 looks on a white background.

Color Contrast Check

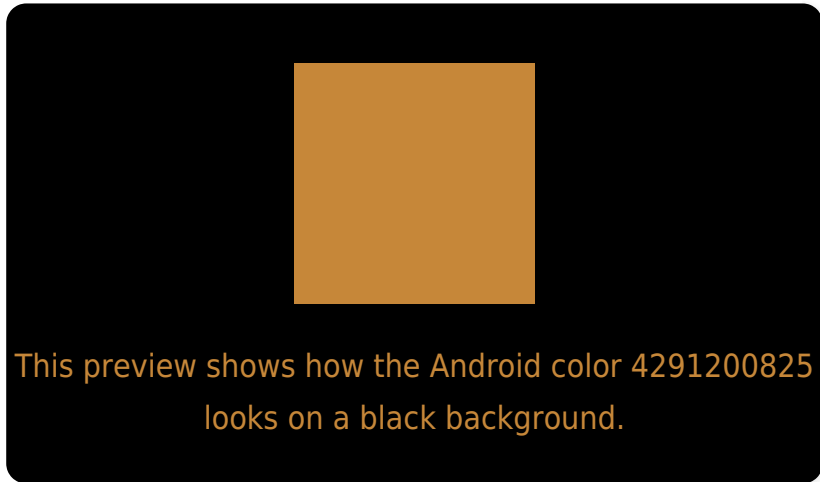
Large Text (above 18pt) WCAG AA ✓ Pass

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

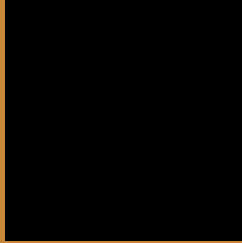
Any Text WCAG AA ✓ Pass

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 4291200825 Background



This preview shows how black text looks on a background with the Android color 4291200825.



This preview shows how white text looks on a background with the Android color 4291200825.

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
4291200825

Protanopia
4289041725

Deuteranopia
4290350391

Trichromacy



Original Color
4291200825

Protanomaly
4289826876

Deuteranomaly
4290677560

Tritanomaly
4291396203

Monochromacy



Original Color
4291200825

Achromatopsia
4287730065

Achromatomaly
4288974193

CSS Examples

Text

The CSS property to change the color of the text to Android 4291200825 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(198, 135, 57)` looks like.

```
.text, #text, p{  
    color:rgb(198, 135, 57)  
}
```

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(198, 135, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 135, 57) }
```

Border

The CSS property to change the border of an element to Android 4291200825 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(198, 135, 57) }
```

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

```
.border{ border-color:rgb(198, 135, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 135, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 135, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 135, 57);  
box-shadow:4px 4px 4px 4px rgb(198, 135,  
57) }
```

Background

The CSS property to change the background color of an element to Android 4291200825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 135, 57) }
```

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

```
.background{ background-color: rgb(198,  
135, 57) }
```

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