

# Converting Colors

Android(4291200620)

Have a look what the booklet for  
Android(4291200620) contains.

<b>Android(4291200620)</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(4291200620)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6866C
RGB	198, 134, 108
RGB Percent	78%, 53%, 42%
CMY	0.2235, 0.4745, 0.5765
CMYK	0.00, 0.32, 0.45, 0.22
HSL	17°, 44%, 60%
HSV	17°, 45%, 78%
XYZ	34.5206, 30.1387, 18.1853
YIQ	150.1720, 46.4900, 5.4820

# Conversions

## Conversions Part 2

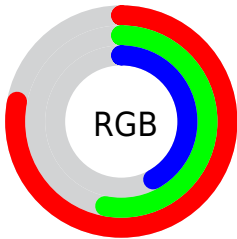
Format	Color
R <sub>Y</sub> B	198, 145, 108
Decimal	13010540
CIE Lab	61.77, 21.51, 23.95
CIE LCh	62, 32.190, 48.078
Yxy	30.1387, 0.4167, 0.3638
Android (android.graphics.Color)	4291200620 (0xFFC6866C)
YUV	150.1720, -20.7908, 41.9452
Hunter-Lab	54.8987, 16.1690, 18.7892

# Details

The Android color **4291200620** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4285312198**, and the grayscale version is **4288059030**.

A 20% lighter version of the original color is **4294950048**, and **4287517756** is the 20% darker color. If you saturate the color by 10%, you get **4291197016**, and if you desaturate by 10%, it is **4291204224**.

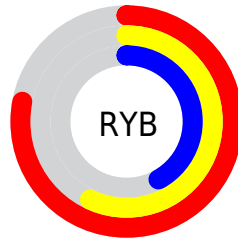
# Distribution



Red (78%)

Green (53%)

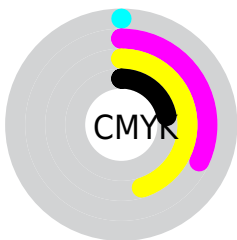
Blue (42%)



Red (78%)

Yellow (57%)

Blue (42%)

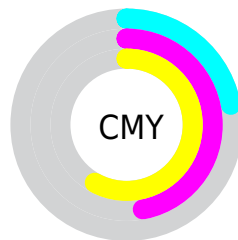


Cyan (0%)

Magenta (32%)

Yellow (45%)

Black (22%)



Cyan (22%)

Magenta (47%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291200620 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 4291200620 by changing the saturation by 10% instead.



 4291200620

 4291200620

4294967295

 4289293396

 4294950048

 4287517756

 4294956987

 4285676582

 4294964438

 4283966993

 4294967283

 4282257408


 4280745984


 4278190080

 4291200620

 4291200620

 4291197016


 4291204224

 4291193412


 4291207828

 4291189809


 4291211431

 4291186205

 4291215035

 4291182601

 4291218639

 4291180800

 4291222243

 4291226103

 4291229695

 4291231743

# Harmonies

## Analogous

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



4291657861



4291200620



4289957982

# Triad

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



4291200620



4283671688



4287140555

# Complementary

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



4291200620



4285312198

# 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.



4284128204



4291200620



4281443750

# Square

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



4291200620



4286029934



4281377471



4289628348

# Rectangle

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



4291200620



4288779868



4281377471



4286158285

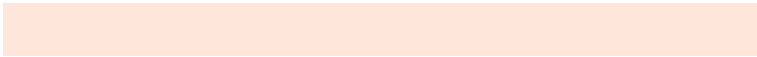


# Sweetspot

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



4291200620



4294960859



4291194029



4286607466



4278190080



4286611584



# Same Dimension

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



4291200620



4294941555



4291212140



4284701786



4288884480



4280551936

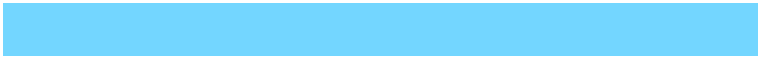


# Inverse Universe

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



4285312198



4285781759



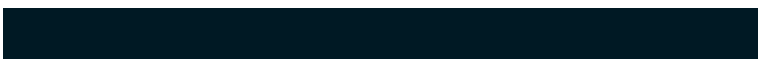
4285300934



4284113251



4278219939



4278196516



# Previews

## White Background



This preview shows how the Android color 4291200620 looks on a white background.

## Color Contrast Check

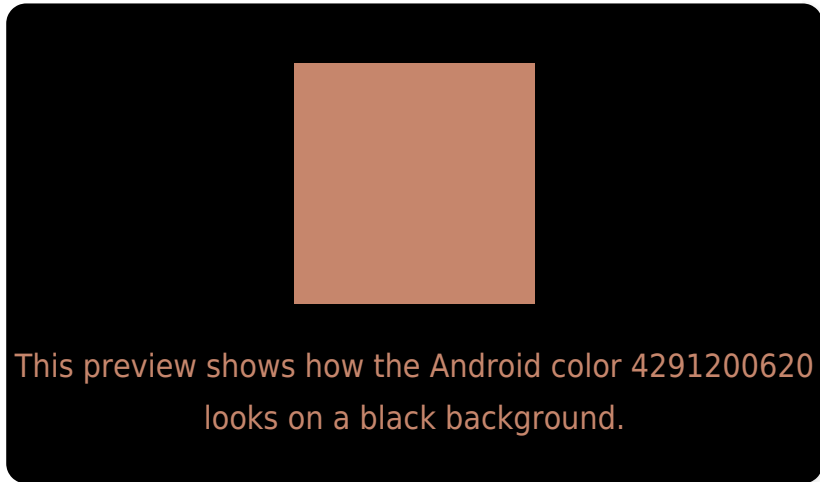
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

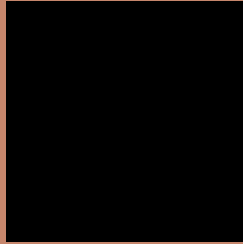
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4291200620 Background



This preview shows how black text looks on a background with the Android color 4291200620.



This preview shows how white text looks on a background with the Android color 4291200620.

# 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**  
4291200620

**Protanopia**  
4288714099

**Deuteranopia**  
4289892202



# Trichromacy



**Original Color**  
4291200620

**Protanomaly**  
4289630320

**Deuteranomaly**  
4290350187

**Tritanomaly**  
4291330944

# Monochromacy



**Original Color**  
4291200620

**Achromatopsia**  
4288059030

**Achromatomaly**  
4289171591

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291200620 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, 134, 108)` looks like.

```
.text, #text, p{  
    color:rgb(198, 134, 108)  
}
```

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, 134, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 134, 108) }
```

## Border

The CSS property to change the border of an element to Android 4291200620 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, 134, 108) }
```

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

```
.border{ border-color:rgb(198, 134, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 134, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 134, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 134, 108);  
box-shadow:4px 4px 4px 4px rgb(198, 134,  
108) }
```

# Background

The CSS property to change the background color of an element to Android 4291200620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 134, 108) }
```

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

```
.background{ background-color: rgb(198,  
134, 108) }
```

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