

Converting Colors

Android(4291658321)

Have a look what the booklet for
Android(4291658321) contains.

Android(4291658321)	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(4291658321)

Conversions

Conversions Part 1

Format	Color
Hex	CD8251
RGB	205, 130, 81
RGB Percent	80%, 51%, 32%
CMY	0.1961, 0.4902, 0.6824
CMYK	0.00, 0.37, 0.60, 0.20
HSL	24°, 55%, 56%
HSV	24°, 60%, 80%
XYZ	34.6447, 29.5385, 11.6601
YIQ	146.8390, 60.4290, 0.6610

Conversions

Conversions Part 2

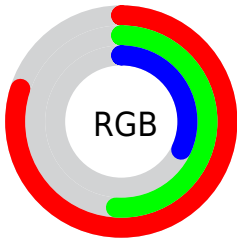
Format	Color
R_{YB}	205, 162, 81
Decimal	13468241
CIE _{Lab}	61.25, 24.17, 38.22
CIE _{LCh}	61, 45.224, 57.687
Yxy	29.5385, 0.4568, 0.3895
Android (android.graphics.Color)	4291658321 (0xFFCD8251)
YUV	146.8390, -32.4586, 51.0072
Hunter-Lab	54.3493, 18.6725, 25.3244

Details

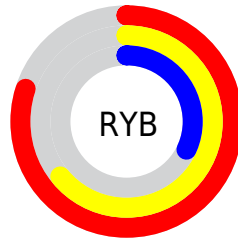
The Android color **4291658321** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **4283538637**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4294948739**, and **4287844386** is the 20% darker color. If you saturate the color by 10%, you get **4291655228**, and if you desaturate by 10%, it is **4291661413**.

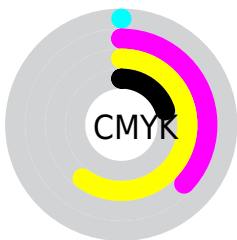
Distribution



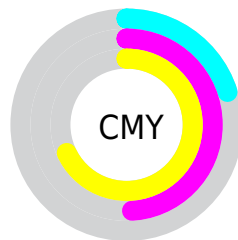
- Red (80%)
- Green (51%)
- Blue (32%)



- Red (80%)
- Yellow (64%)
- Blue (32%)



- Cyan (0%)
- Magenta (37%)
- Yellow (60%)
- Black (20%)



- Cyan (20%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291658321 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 4291658321 by changing the saturation by 10% instead.



4291658321



4291658321

4294967295



4289751353



4294948739



4287844386



4294955934



4285937673



4294963385



4284162560



4294967253



4282321664



4294967282



4280811520



4278190080



4291658321




4291658321



4291655228




4291661413


 4291651880

 4291664762


 4291648787

 4291667855


 4291645696

 4291671203

 4291674296

 4291677388

 4291680736

 4291683829

 4291687167

Harmonies

Analogous

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



4292769393



4291658321



4289630530

Triad

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



4291658321



4278233231



4287794139

Complementary

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



4291658321



4283538637

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.



4282620387



4291658321



4278233272

Square

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



4291658321



4283737191



4278232023



4290935743

Rectangle

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



4291658321



4287928645



4278232023



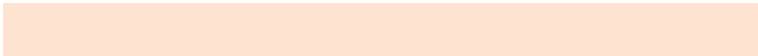
4286353632

Sweetspot

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



4291658321



4294960081



4291645853



4286607203



4278190080



4286611584

Same Dimension

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



4291658321



4294938181



4291673937



4284899420



4289085696



4280684288

Inverse Universe

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



4283538637



4282758655



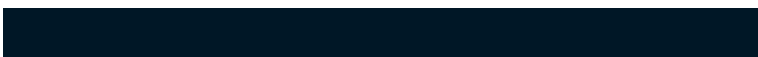
4283523021



4284244582



4278215846



4278196006

Previews

White Background



This preview shows how the Android color 4291658321 looks on a white background.

Color Contrast Check

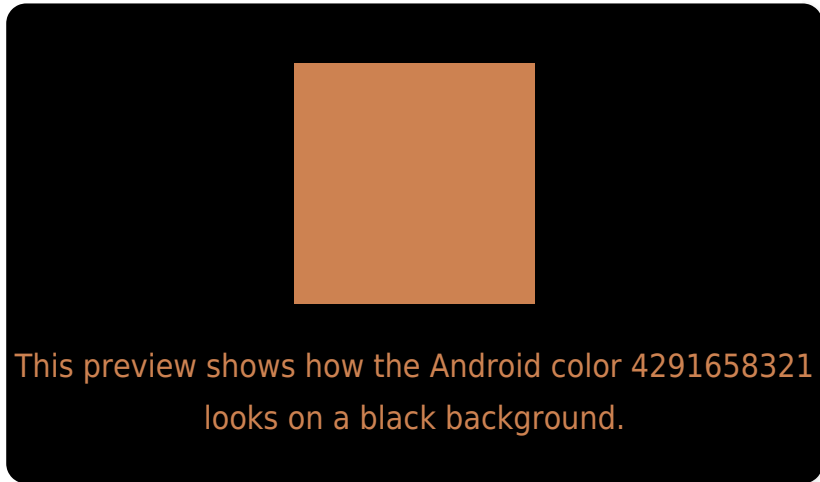
Large Text (above 18pt) WCAG AA ✓ Pass

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

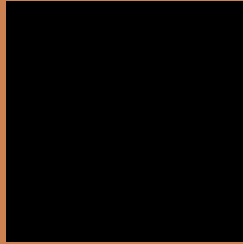
Any Text WCAG AA ✓ Pass

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 4291658321 Background



This preview shows how black text looks on a background with the Android color 4291658321.



This preview shows how white text looks on a background with the Android color 4291658321.

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

4291658321

Protanopia

4288844888

Deuteranopia

4290153807



Tritanopia
4291918981

Trichromacy



Original Color
4291658321

Protanomaly
4289891669

Deuteranomaly
4290677072

Tritanomaly
4291853938

Monochromacy



Original Color
4291658321

Achromatopsia
4287861651

Achromatomaly
4289236347

CSS Examples

Text

The CSS property to change the color of the text to Android 4291658321 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(205, 130, 81)` looks like.

```
.text, #text, p{  
    color:rgb(205, 130, 81)  
}
```

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(205, 130, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 130, 81) }
```

Border

The CSS property to change the border of an element to Android 4291658321 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(205, 130, 81) }
```

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

```
.border{ border-color:rgb(205, 130, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 130, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 130, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 130, 81);  
box-shadow:4px 4px 4px 4px rgb(205, 130,  
81) }
```

Background

The CSS property to change the background color of an element to Android 4291658321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 130, 81) }
```

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

```
.background{ background-color: rgb(205,  
130, 81) }
```

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