

Converting Colors

Android(4291594344)

Have a look what the booklet for
Android(4291594344) contains.

Android(4291594344)	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(4291594344)

Conversions

Conversions Part 1

Format	Color
Hex	CC8868
RGB	204, 136, 104
RGB Percent	80%, 53%, 41%
CMY	0.2000, 0.4667, 0.5922
CMYK	0.00, 0.33, 0.49, 0.20
HSL	19°, 50%, 60%
HSV	19°, 49%, 80%
XYZ	36.2047, 31.4452, 17.2580
YIQ	152.6840, 50.8000, 4.4640

Conversions

Conversions Part 2

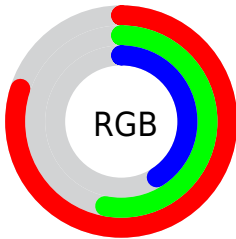
Format	Color
R_{YB}	204, 151, 104
Decimal	13404264
CIE _{Lab}	62.88, 22.44, 27.77
CIE _{LCh}	63, 35.701, 51.055
Yxy	31.4452, 0.4264, 0.3703
Android (android.graphics.Color)	4291594344 (0xFFCC8868)
YUV	152.6840, -24.0012, 45.0041
Hunter-Lab	56.0760, 17.1131, 21.0060

Details

The Android color **4291594344** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **4285050060**, and the grayscale version is **4288256409**.

A 20% lighter version of the original color is **4294950555**, and **4287845944** is the 20% darker color. If you saturate the color by 10%, you get **4291590740**, and if you desaturate by 10%, it is **4291597948**.

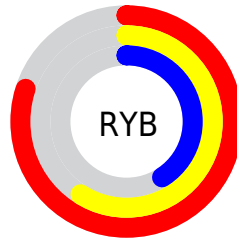
Distribution



Red (80%)

Green (53%)

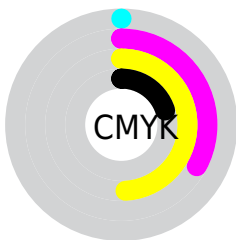
Blue (41%)



Red (80%)

Yellow (59%)

Blue (41%)

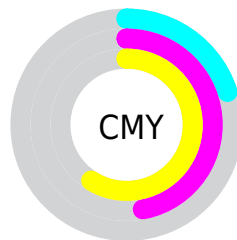


Cyan (0%)

Magenta (33%)

Yellow (49%)

Black (20%)



Cyan (20%)


Magenta (47%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291594344 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 4291594344 by changing the saturation by 10% instead.

 4291594344

 4291594344

4294967295

 4289687120

 4294950555

 4287845944

 4294957750

 4286004770

 4294964946


 4284229389


 4294967279


 4282519808


 4280942592

 4278190080

 4291594344


 4291594344


 4291590740


 4291597948


 4291587135

 4291601553

 4291583531

 4291605157


 4291580182


 4291608506


 4291576578


 4291612110

 4291576064

 4291615714

 4291619319

 4291622911

 4291624959

Harmonies

Analogous

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



4292247683



4291594344



4290089817

Triad

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



4291594344



4282886285



4287534035

Complementary

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



4291594344



4285050060

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.



4283997910



4291594344



4279019950

Square

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



4291594344



4285703535



4279608777



4290218176

Rectangle

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



4291594344



4288780889



4279608777



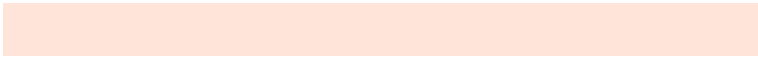
4286420950

Sweetspot

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



4291594344



4294960601



4291586220



4286607465



4278190080



4286611584

Same Dimension

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



4291594344



4294941033



4291607144



4284899164



4289082624



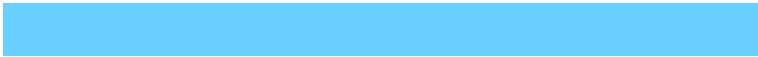
4280683520

Inverse Universe

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



4285050060



4285124607



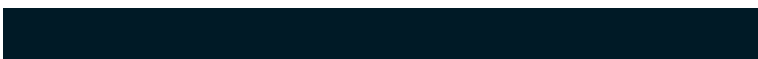
4285037260



4284244838



4278219174



4278196774

Previews

White Background



This preview shows how the Android color 4291594344 looks on a white background.

Color Contrast Check

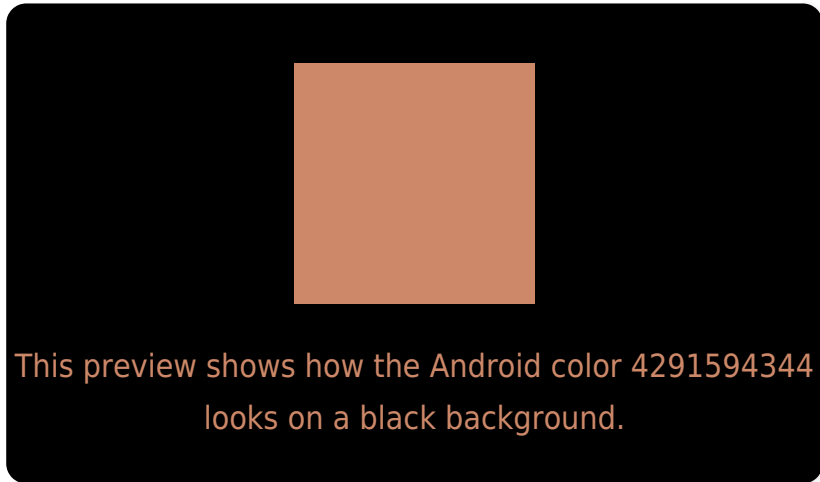
Large Text (above 18pt) WCAG AA × Fail

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

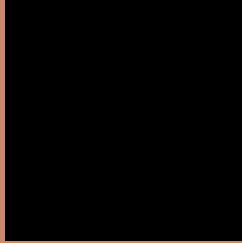
Any Text WCAG AA ✓ Pass

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 4291594344 Background



This preview shows how black text looks on a background with the Android color 4291594344.



This preview shows how white text looks on a background with the Android color 4291594344.

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
4291594344

Protanopia
4288977007

Deuteranopia
4290220646



Tritanopia
4291789709

Trichromacy



Original Color
4291594344

Protanomaly
4289958508

Deuteranomaly
4290743911

Tritanomaly
4291724672

Monochromacy



Original Color
4291594344

Achromatopsia
4288256409

Achromatomaly
4289500039

CSS Examples

Text

The CSS property to change the color of the text to Android 4291594344 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(204, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(204, 136, 104)  
}
```

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(204, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 136, 104) }
```

Border

The CSS property to change the border of an element to Android 4291594344 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(204, 136, 104) }
```

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

```
.border{ border-color:rgb(204, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(204, 136,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4291594344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 136, 104) }
```

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

```
.background{ background-color: rgb(204,  
136, 104) }
```

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