

Converting Colors

Android(4291603578)

Have a look what the booklet for
Android(4291603578) contains.

Android(4291603578)	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(4291603578)

Conversions

Conversions Part 1

Format	Color
Hex	CCAC7A
RGB	204, 172, 122
RGB Percent	80%, 67%, 48%
CMY	0.2000, 0.3255, 0.5216
CMYK	0.00, 0.16, 0.40, 0.20
HSL	37°, 45%, 64%
HSV	37°, 40%, 80%
XYZ	43.1672, 43.7476, 24.5813
YIQ	175.8680, 35.1220, -8.7660

Conversions

Conversions Part 2

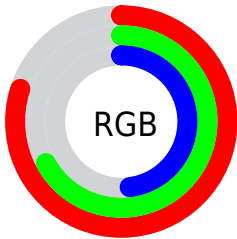
Format	Color
RYB	174, 204, 122
Decimal	13413498
CIELab	72.06, 4.77, 30.05
CIELCh	72, 30.422, 80.984
Yxy	43.7476, 0.3872, 0.3924
Android (android.graphics.Color)	4291603578 (0xFFCCAC7A)
YUV	175.8680, -26.5569, 24.6718
Hunter-Lab	66.1419, 0.7488, 24.2645

Details

The Android color `4291603578` is a light color, and the websafe version is hex `CC9966`. A complement of this color would be `4286225100`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294960047`, and `4287920201` is the 20% darker color. If you saturate the color by 10%, you get `4291601510`, and if you desaturate by 10%, it is `4291605646`.

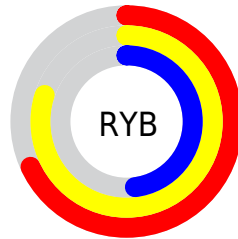
Distribution



Red (80%)

Green (67%)

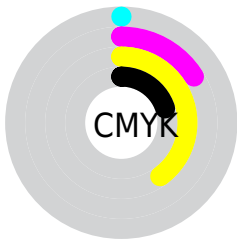
Blue (48%)



Red (68%)

Yellow (80%)

Blue (48%)

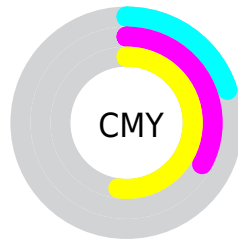


Cyan (0%)

Magenta (16%)

Yellow (40%)

Black (20%)



Cyan (20%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291603578 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 4291603578 by changing the saturation by 10% instead.

 4291603578

 4291603578

4294967295

 4289761889

 4294960047

 4287920201

 4294967242

 4286144305

 4294967271

 4284434459

 4282790146

 4281211904

 4279567104


 4278190080


 4291603578

 4291603578

 4291601510

 4291605646

 4291599441


 4291607715

 4291597373

 4291609783

 4291595304

 4291611852

 4291593236

 4291613920

 4291591168

 4291615988

 4291618047

 4291620095

 4291622143

Harmonies

Analogous

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



4292912007



4291603578



4289770876

Triad

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



4291603578



4284137668



4291601364

Complementary

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



4291603578



4286225100

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.



4289309924



4291603578



4284464603

Square

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



4291603578



4285644711



4286625511



4293041594

Rectangle

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



4291603578



4288395910



4286625511



4290946779

Sweetspot

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



4291603578



4294964192



4291590811



4286609774



4278190080



4286611584

Same Dimension

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



4291603578



4294954885



4291087482



4284899932



4289094912



4280686336

Inverse Universe

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



4286225100



4286952703



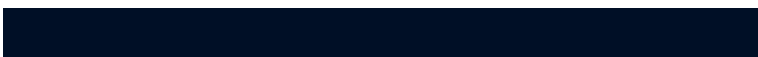
4286741196



4284244070



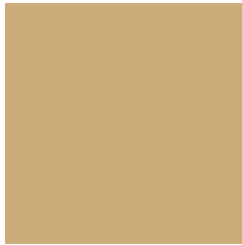
4278206886



4278193958

Previews

White Background



This preview shows how the Android color 4291603578 looks on a white background.

Color Contrast Check

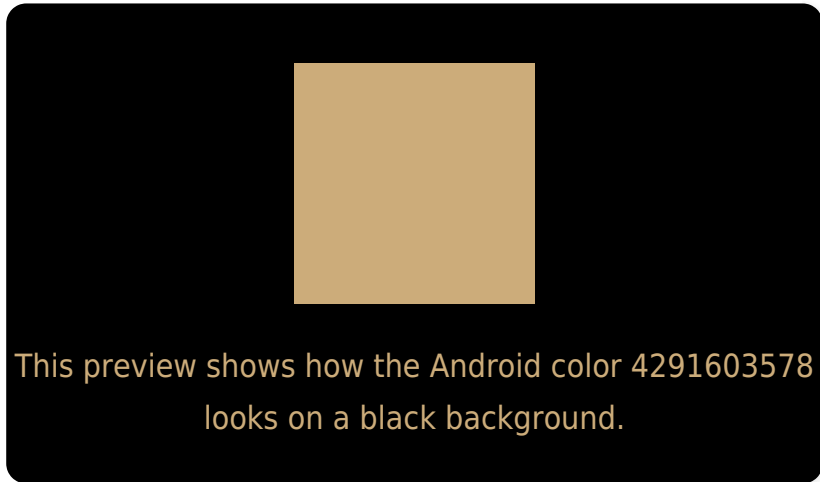
Large Text (above 18pt) WCAG AA × Fail

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 4291603578 Background



This preview shows how black text looks on a background with the Android color 4291603578.



This preview shows how white text looks on a background with the Android color 4291603578.

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
4291603578

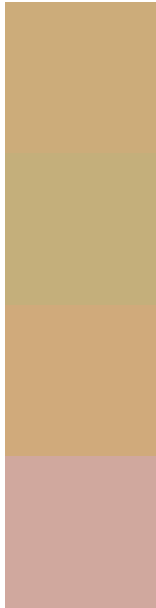
Protanopia
4290752892

Deuteranopia
4292061563



Tritanopia
4291995058

Trichromacy



Original Color
4291603578

Protanomaly
4291080059

Deuteranomaly
4291865211

Tritanomaly
4291864734

Monochromacy



Original Color
4291603578

Achromatopsia
4289769648

Achromatomaly
4290424732

CSS Examples

Text

The CSS property to change the color of the text to Android 4291603578 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, 172, 122)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 122)  
}
```

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, 172, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 122) }
```

Border

The CSS property to change the border of an element to Android 4291603578 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, 172, 122) }
```

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

```
.border{ border-color:rgb(204, 172, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 172, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 122);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
122) }
```

Background

The CSS property to change the background color of an element to Android 4291603578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 122) }
```

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

```
.background{ background-color: rgb(204,  
172, 122) }
```

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