

Converting Colors

Android(4291014277)

Have a look what the booklet for
Android(4291014277) contains.

Android(4291014277)	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(4291014277)

Conversions

Conversions Part 1

Format	Color
Hex	C3AE85
RGB	195, 174, 133
RGB Percent	76%, 68%, 52%
CMY	0.2353, 0.3176, 0.4784
CMYK	0.00, 0.11, 0.32, 0.24
HSL	40°, 34%, 64%
HSV	40°, 32%, 76%
XYZ	41.8754, 43.5677, 28.3926
YIQ	175.6050, 25.6770, -8.2990

Conversions

Conversions Part 2

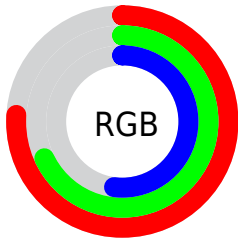
Format	Color
RYB	165, 195, 133
Decimal	12824197
CIELab	71.94, 1.42, 23.84
CIELCh	72, 23.885, 86.603
Yxy	43.5677, 0.3679, 0.3827
Android (android.graphics.Color)	4291014277 (0xFFC3AE85)
YUV	175.6050, -21.0043, 17.0094
Hunter-Lab	66.0058, -2.2663, 20.7003

Details

The Android color `4291014277` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4286945987`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4294763962`, and `4287396435` is the 20% darker color. If you saturate the color by 10%, you get `4291012466`, and if you desaturate by 10%, it is `4291016089`.

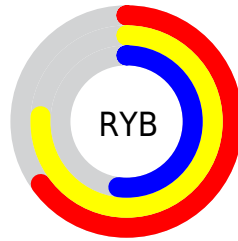
Distribution



Red (76%)

Green (68%)

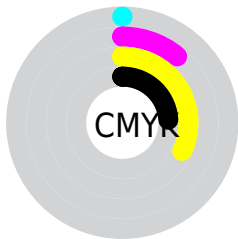
Blue (52%)



Red (65%)

Yellow (76%)

Blue (52%)

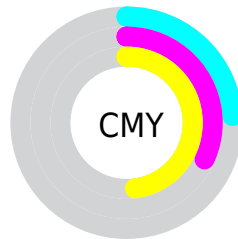


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291014277 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 4291014277 by changing the saturation by 10% instead.



4291014277



4291014277

4294967295



4289172332



4294763962



4287396435



4294967254



4285686076



4294967283



4284041509



4282397456



4280950272



4279109120



4278190080



4291014277



4291014277

■ 4291012466

■ 4291016089

■ 4291010910

■ 4291017644

■ 4291009099

■ 4291019456

■ 4291007543

■ 4291021011

■ 4291005732

■ 4291022823

■ 4291003920

■ 4291024634

■ 4291002624

■ 4291026175

■ 4291027967

■ 4291029503

Harmonies

Analogous

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



4292126605



4291014277



4289508745

Triad

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



4291014277



4285709507



4291470793

Complementary

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



4291014277



4286945987

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.



4289834199



4291014277



4286233044

Square

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



4291014277



4286430637



4287869915



4292518324

Rectangle

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



4291014277



4288395666



4287869915



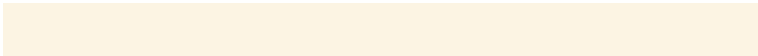
4291012558

Sweetspot

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



4291014277



4294767843



4291003803



4286610032



4278190080



4286611584

Same Dimension

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



4291014277



4294761629



4290429829



4284571223



4288768512



4280358400

Inverse Universe

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



4286945987



4288527868



4287530435



4283914849



4278204065



4278192929

Previews

White Background



This preview shows how the Android color 4291014277 looks on a white background.

Color Contrast Check

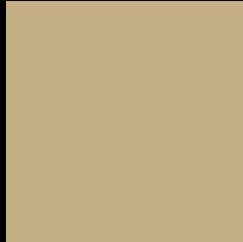
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4291014277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

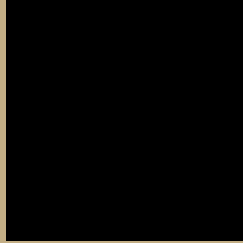
Any Text WCAG AA ✓ Pass

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 4291014277 Background



This preview shows how black text looks on a background with the Android color 4291014277.



This preview shows how white text looks on a background with the Android color 4291014277.

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
4291014277

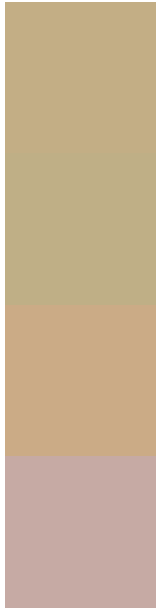
Protanopia
4290621574

Deuteranopia
4291799430



Tritanopia
4291340469

Trichromacy



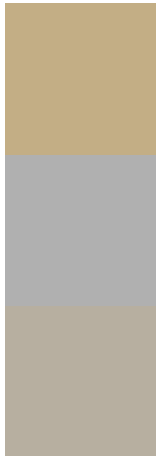
Original Color
4291014277

Protanomaly
4290752390

Deuteranomaly
4291537798

Tritanomaly
4291209892

Monochromacy



Original Color
4291014277

Achromatopsia
4289769648

Achromatomaly
4290228128

CSS Examples

Text

The CSS property to change the color of the text to Android 4291014277 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(195, 174, 133)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 133)  
}
```

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(195, 174, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 133) }
```

Border

The CSS property to change the border of an element to Android 4291014277 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(195, 174, 133) }
```

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

```
.border{ border-color:rgb(195, 174, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 174, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 133);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4291014277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 133) }
```

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

```
.background{ background-color: rgb(195,  
174, 133) }
```

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