

Converting Colors

Android(4291876801)

Have a look what the booklet for
Android(4291876801) contains.

Android(4291876801)	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(4291876801)

Conversions

Conversions Part 1

Format	Color
Hex	D0D7C1
RGB	208, 215, 193
RGB Percent	82%, 84%, 76%
CMY	0.1843, 0.1569, 0.2431
CMYK	0.03, 0.00, 0.10, 0.16
HSL	79°, 22%, 80%
HSV	79°, 10%, 84%
XYZ	59.9385, 65.8610, 60.0054
YIQ	210.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

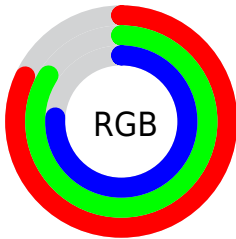
Format	Color
RYB	193, 215, 200
Decimal	13686721
CIELab	84.93, -6.25, 10.04
CIELCh	85, 11.824, 121.922
Yxy	65.8610, 0.3226, 0.3545
Android (android.graphics.Color)	4291876801 (0xFFD0D7C1)
YUV	210.3990, -8.5777, -2.1039
Hunter-Lab	81.1548, -10.1862, 12.9697

Details

The Android color `4291876801` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `4291346903`, and the grayscale version is `4292006610`.

A 20% lighter version of the original color is `4294967289`, and `4288323723` is the 20% darker color. If you saturate the color by 10%, you get `4291418028`, and if you desaturate by 10%, it is `4292335575`.

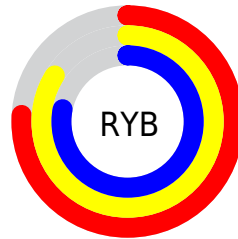
Distribution



Red (82%)

Green (84%)

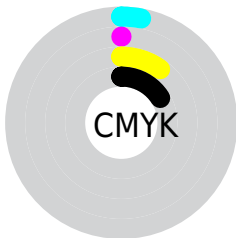
Blue (76%)



Red (76%)

Yellow (84%)

Blue (78%)

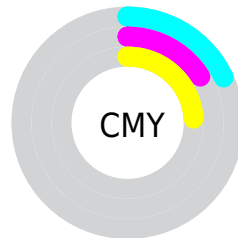


Cyan (3%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (18%)


Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291876801 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 4291876801 by changing the saturation by 10% instead.

 4291876801

 4291876801

4294967295

 4290034598

 4294967289

 4288323723

 4286613106

 4284902745

 4283323714

 4281810220

 4280428567

 4278915840

 4278190080

 4291876801

 4291876801

 4291418028

 4292335575

 4290959254

 4292794348

 4290500481

 4293253119

 4290107243

 4293646335

 4289648470

 4294105087

 4289189696

 4294563839

 4288730922

 4294957055

 4288272149

 4287878912

Harmonies

Analogous

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



4292727742



4291876801



4291091145

Triad

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



4291876801



4290697447



4293643732

Complementary

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



4291876801



4291346903

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.



4293185247



4291876801



4291417578

Square

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



4291876801



4290304735



4292334055



4293709257

Rectangle

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



4291876801



4290632657



4292334055



4293512664

Sweetspot

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



4291876801



4294836215



4292331713



4286480506



4278190080



4286611584

Same Dimension

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



4291876801



4294311904



4291155905



4285033312



4285836032



4280167168

Inverse Universe

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



4291346903



4293583103



4292067799



4284768363



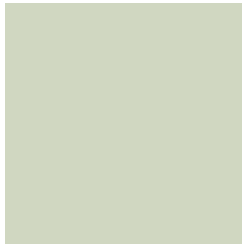
4281729195



4279107627

Previews

White Background



This preview shows how the Android color 4291876801 looks on a white background.

Color Contrast Check

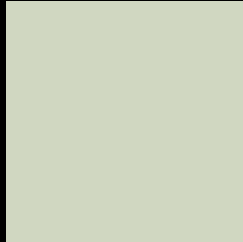
Large Text (above 18pt) WCAG AA × Fail

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 4291876801 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 4291876801 Background



This preview shows how black text looks on a background with the Android color 4291876801.



This preview shows how white text looks on a background with the Android color 4291876801.

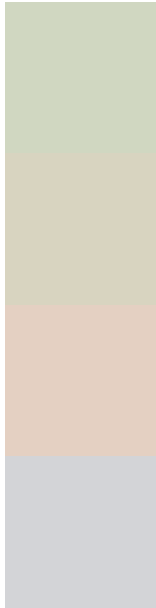
Color Blindness Simulation

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



Trichromacy



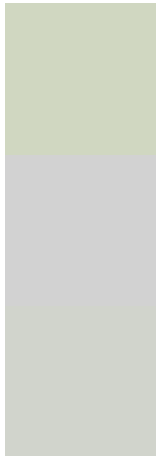
Original Color
4291876801

Protanomaly
4292400320

Deuteranomaly
4293185730

Tritanomaly
4292072663

Monochromacy



Original Color
4291876801

Achromatopsia
4292006610

Achromatomaly
4291941580

CSS Examples

Text

The CSS property to change the color of the text to Android 4291876801 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(208, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(208, 215, 193)  
}
```

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(208, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 215, 193) }
```

Border

The CSS property to change the border of an element to Android 4291876801 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(208, 215, 193) }
```

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

```
.border{ border-color:rgb(208, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(208, 215,  
193) }
```

Background

The CSS property to change the background color of an element to Android 4291876801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 215, 193) }
```

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

```
.background{ background-color: rgb(208,  
215, 193) }
```

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