

Converting Colors

Android(4291223705)

Have a look what the booklet for
Android(4291223705) contains.

Android(4291223705)	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(4291223705)

Conversions

Conversions Part 1

Format	Color
Hex	C6E099
RGB	198, 224, 153
RGB Percent	78%, 88%, 60%
CMY	0.2235, 0.1216, 0.4000
CMYK	0.12, 0.00, 0.32, 0.12
HSL	82°, 53%, 74%
HSV	82°, 32%, 88%
XYZ	55.6941, 67.6170, 40.2530
YIQ	208.1320, 7.2950, -27.5930

Conversions

Conversions Part 2

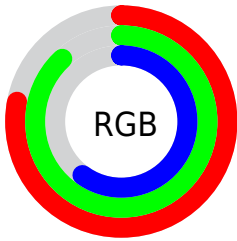
Format	Color
RYB	153, 224, 179
Decimal	13033625
CIELab	85.81, -20.45, 32.00
CIELCh	86, 37.980, 122.585
Yxy	67.6170, 0.3405, 0.4134
Android (android.graphics.Color)	4291223705 (0xFFC6E099)
YUV	208.1320, -27.1801, -8.8858
Hunter-Lab	82.2295, -23.0035, 28.5371

Details

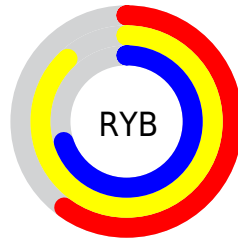
The Android color `4291223705` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289960416`, and the grayscale version is `4291875024`.

A 20% lighter version of the original color is `4294967248`, and `4287605093` is the 20% darker color. If you saturate the color by 10%, you get `4290699395`, and if you desaturate by 10%, it is `4291748015`.

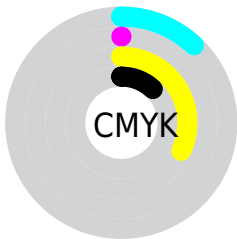
Distribution



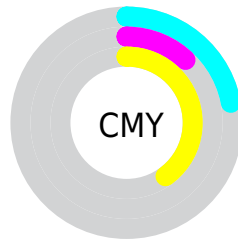
- Red (78%)
- Green (88%)
- Blue (60%)



- Red (60%)
- Yellow (88%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)



- Cyan (22%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291223705 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 4291223705 by changing the saturation by 10% instead.



4291223705



4291223705

4294967295



4289381503



4294967248



4287605093



4294967276



4285894220



4284249397



4282604573



4281025541




4279578112



4278196992



4278190080

 4291223705

 4291223705

 4290699395

 4291748015

 4290175084

 4292272326

 4289585238

 4292862172

 4289060927

 4293386483

 4288536617

 4293910783

 4288012307

 4294435071

 4287553536

 4294959359

Harmonies

Analogous

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



4293711246



4291223705



4288473012

Triad

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



4291223705



4285981695



4294949845

Complementary

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



4291223705



4289960416

Split Complementary

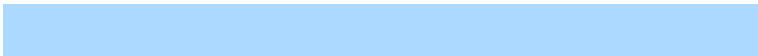
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294951416



4291223705



4289452543

Square

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



4291223705



4284344828



4292857087



4294950834

Rectangle

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



4291223705



4286638796



4292857087



4294950113

Sweetspot

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



4291223705



4294377446



4292915865



4286218352



4278190080



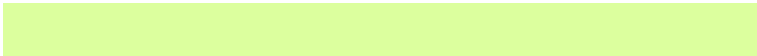
4286611584

Same Dimension

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



4291223705



4292673438



4288995481



4285296741



4285575168



4280233984

Inverse Universe

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



4289960416



4290944767



4292188640



4285097328



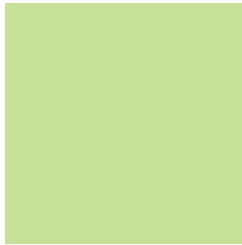
4282384560



4279369776

Previews

White Background



This preview shows how the Android color 4291223705 looks on a white background.

Color Contrast Check

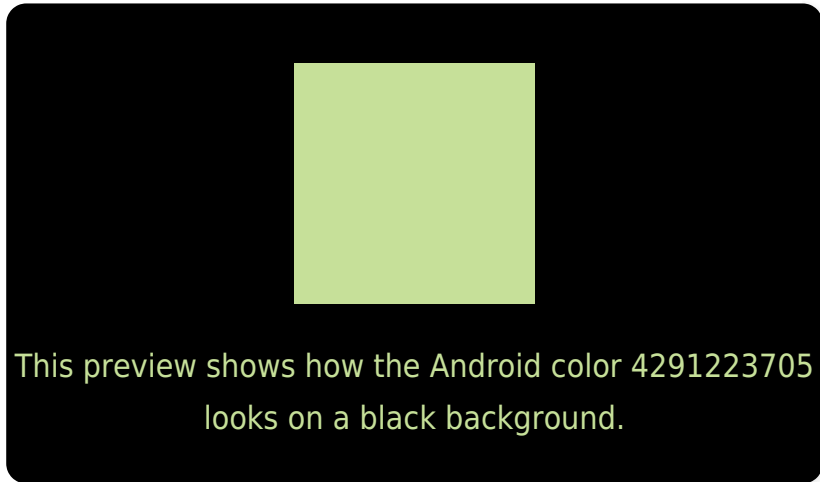
Large Text (above 18pt) WCAG AA × Fail

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 4291223705 Background



This preview shows how black text looks on a background with the Android color 4291223705.



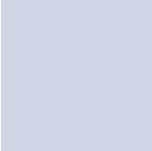
This preview shows how white text looks on a background with the Android color 4291223705.

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





Tritanopia
4291942119

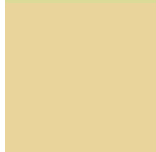
Trichromacy



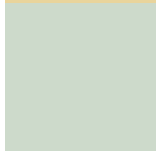
Original Color
4291223705



Protanomaly
4292598422



Deuteranomaly
4293514396

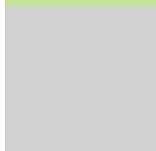


Tritanomaly
4291680971

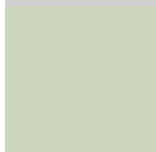
Monochromacy



Original Color
4291223705



Achromatopsia
4291875024



Achromatomaly
4291614396

CSS Examples

Text

The CSS property to change the color of the text to Android 4291223705 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(198, 224, 153)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 153)  
}
```

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(198, 224, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 153) }
```

Border

The CSS property to change the border of an element to Android 4291223705 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(198, 224, 153) }
```

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

```
.border{ border-color:rgb(198, 224, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 224, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 153);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4291223705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 153) }
```

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

```
.background{ background-color: rgb(198,  
224, 153) }
```

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