

# Converting Colors

Android(4291218551)

Have a look what the booklet for  
Android(4291218551) contains.

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# **Color**

**Android(4291218551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6CC77
RGB	198, 204, 119
RGB Percent	78%, 80%, 47%
CMY	0.2235, 0.2000, 0.5333
CMYK	0.03, 0.00, 0.42, 0.20
HSL	64°, 45%, 63%
HSV	64°, 42%, 80%
XYZ	48.2113, 56.5234, 25.8219
YIQ	192.5160, 23.7090, -27.7070

# Conversions

## Conversions Part 2

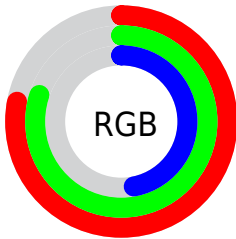
<b>Format</b>	<b>Color</b>
<b>RYB</b>	119, 204, 125
Decimal	13028471
CIELab	79.91, -14.65, 41.57
CIELCh	80, 44.075, 109.418
Yxy	56.5234, 0.3693, 0.4329
Android (android.graphics.Color)	4291218551 (0xFFC6CC77)
YUV	192.5160, -36.2434, 4.8095
Hunter-Lab	75.1821, -17.1034, 32.2638

# Details

The Android color **4291218551** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **4286412748**, and the grayscale version is **4290888129**.

A 20% lighter version of the original color is **4294967213**, and **4287600196** is the 20% darker color. If you saturate the color by 10%, you get **4291152995**, and if you desaturate by 10%, it is **4291284107**.

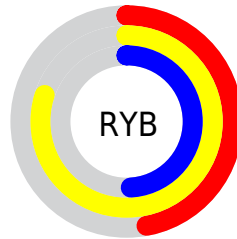
# Distribution



Red (78%)

Green (80%)

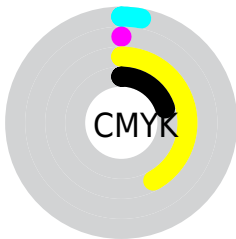
Blue (47%)



Red (47%)

Yellow (80%)

Blue (49%)

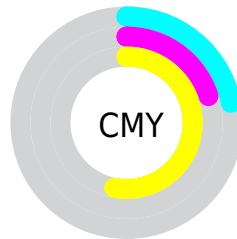


Cyan (3%)

Magenta (0%)

Yellow (42%)

Black (20%)



Cyan (22%)

Magenta (20%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291218551 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 4291218551 by changing the saturation by 10% instead.





4291218551



4291218551

4294967295



4289376605



4294967213



4287600196



4294967240



4285824044



4294967269



4284113681



4282469120



4280890624



4279246848



4278190080



4291218551



4291218551

■ 4291152995

■ 4291284107

■ 4291021902

■ 4291415200

■ 4290956346

■ 4291480756

■ 4290825253

■ 4291611849

■ 4290759697

■ 4291677405

■ 4290694144

■ 4291808497

■ 4291874047

■ 4292005119

■ 4292070655

# Harmonies

## Analogous

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



4293836661



4291218551



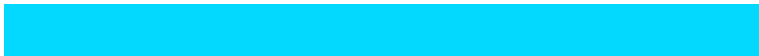
4288140943

# Triad

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



4291218551



4278442239



4294944726

# Complementary

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



4291218551



4286412748

# 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.



4293636860



4291218551



4285452287

# Square

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



4291218551



4278705376



4290101759



4294944685

# Rectangle

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



4291218551



4285782696



4290101759



4294945508



# Sweetspot

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



4291218551



4294836190



4291591543



4286480491



4278190080



4286611584



# Same Dimension

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



4291218551



4294377344



4288466039



4284835420



4288325120



4280559104



# Inverse Universe

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



4286412748



4287135999



4289165260



4284308582



4278976678



4278386726



# Previews

## White Background



This preview shows how the Android color 4291218551 looks on a white background.

## Color Contrast Check

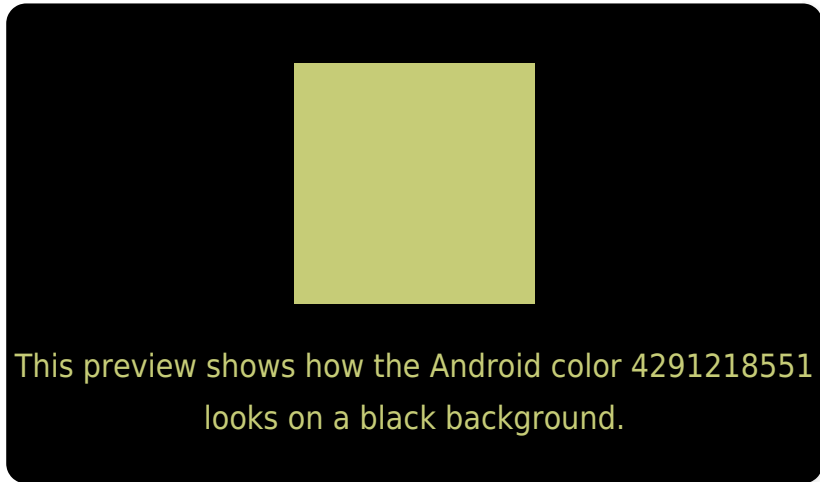
Large Text (above 18pt) WCAG AA × Fail

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 4291218551 Background



This preview shows how black text looks on a background with the Android color 4291218551.



This preview shows how white text looks on a background with the Android color 4291218551.

# 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**  
4291218551

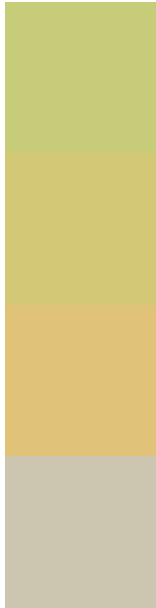
**Protanopia**  
4292462197

**Deuteranopia**  
4293901690



**Tritanopia**  
4291871185

# Trichromacy



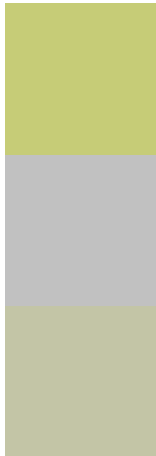
**Original Color**  
4291218551

**Protanomaly**  
4292003958

**Deuteranomaly**  
4292919929

**Tritanomaly**  
4291610032

# Monochromacy



**Original Color**  
4291218551

**Achromatopsia**  
4290888129

**Achromatomaly**  
4291020198

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291218551 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, 204, 119)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 119)  
}
```

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, 204, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 119) }
```

## Border

The CSS property to change the border of an element to Android 4291218551 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, 204, 119) }
```

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

```
.border{ border-color:rgb(198, 204, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 119);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
119) }
```

# Background

The CSS property to change the background color of an element to Android 4291218551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 119) }
```

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

```
.background{ background-color: rgb(198,  
204, 119) }
```

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](#).



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