

# Converting Colors

Android(4291215217)

Have a look what the booklet for  
Android(4291215217) contains.

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# **Color**

**Android(4291215217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6BF71
RGB	198, 191, 113
RGB Percent	78%, 75%, 44%
CMY	0.2235, 0.2510, 0.5569
CMYK	0.00, 0.04, 0.43, 0.22
HSL	55°, 43%, 61%
HSV	55°, 43%, 78%
XYZ	44.9001, 50.4596, 22.9960
YIQ	184.2010, 29.2100, -22.7740

# Conversions

## Conversions Part 2

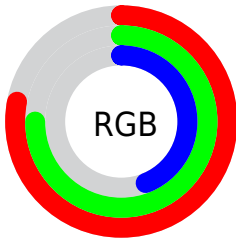
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">121, 198, 113</a>
Decimal	<a href="#">13025137</a>
CIELab	<a href="#">76.35, -8.65, 40.12</a>
CIELCh	<a href="#">76, 41.043, 102.171</a>
Yxy	<a href="#">50.4596, 0.3794, 0.4263</a>
Android (android.graphics.Color)	<a href="#">4291215217 (0xFFC6BF71)</a>
YUV	<a href="#">184.2010, -35.1021, 12.1017</a>
Hunter-Lab	<a href="#">71.0349, -11.4839, 30.5306</a>

# Details

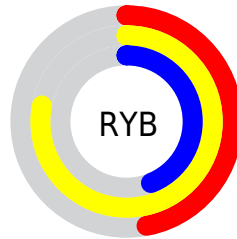
The Android color `4291215217` is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be `4285626566`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4294965158`, and `4287597119` is the 20% darker color. If you saturate the color by 10%, you get `4291214685`, and if you desaturate by 10%, it is `4291215749`.

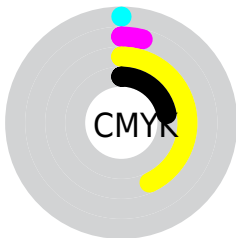
# Distribution



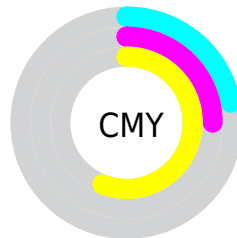
- Red (78%)
- Green (75%)
- Blue (44%)



- Red (47%)
- Yellow (78%)
- Blue (44%)



- Cyan (0%)
- Magenta (4%)
- Yellow (43%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291215217 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 4291215217 by changing the saturation by 10% instead.





4291215217



4291215217

4294967295



4289373272



4294965158



4287597119



4294967234



4285820966



4294967262



4284110860



4294967291



4282466560



4280888064



4279047936



4278190080



4291215217



4291215217

■ 4291214685

■ 4291215749

■ 4291214409

■ 4291216025

■ 4291213878

■ 4291216556

■ 4291213346

■ 4291217088

■ 4291213070

■ 4291217364

■ 4291212800

■ 4291217896

■ 4291218172

■ 4291218687

■ 4291219199

# Harmonies

## Analogous

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



4293505652



4291215217



4288465283

# Triad

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



4291215217



4279488238



4294484692

# Complementary

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



4291215217



4285626566

# 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.



4292128245



4291215217



4284270591

# Square

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



4291215217



4281586123



4288658431



4294942638

# Rectangle

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



4291215217



4286434712



4288658431



4293830112

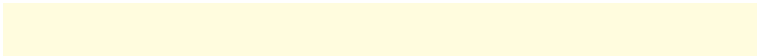


# Sweetspot

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



4291215217



4294966494



4291195256



4286611051



4278190080



4286611584



# Same Dimension

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



4291215217



4294964346



4288923249



4284703578



4288910848



4280557824



# Inverse Universe

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



4285626566



4286219775



4287918534



4284111459



4278193571



4278190884



# Previews

## White Background



This preview shows how the Android color 4291215217 looks on a white background.

## Color Contrast Check

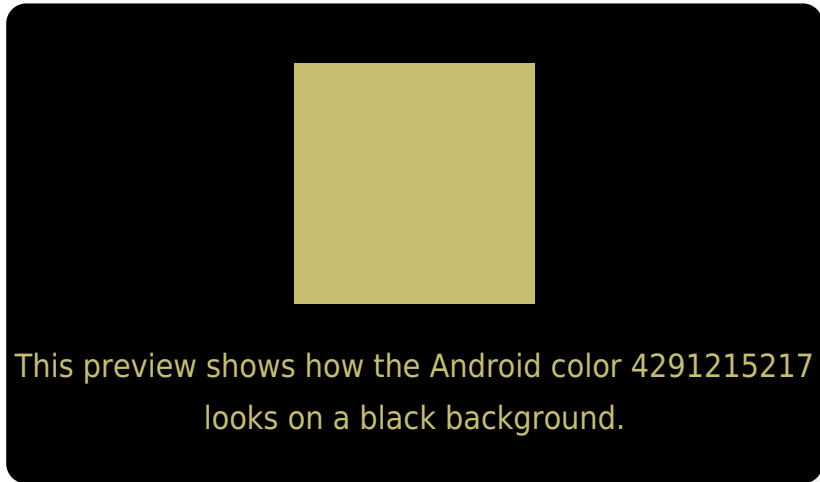
Large Text (above 18pt) WCAG AA × Fail

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 4291215217 Background



This preview shows how black text looks on a background with the Android color 4291215217.



This preview shows how white text looks on a background with the Android color 4291215217.

# 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**  
4291215217

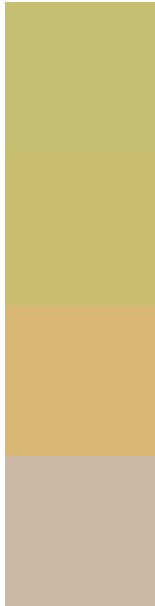
**Protanopia**  
4291738736

**Deuteranopia**  
4293178484



**Tritanopia**  
4291802563

# Trichromacy



**Original Color**  
4291215217

**Protanomaly**  
4291542384

**Deuteranomaly**  
4292458611

**Tritanomaly**  
4291606949

# Monochromacy



**Original Color**  
4291215217

**Achromatopsia**  
4290295992

**Achromatomaly**  
4290624414

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291215217 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, 191, 113)` looks like.

```
.text, #text, p{  
    color:rgb(198, 191, 113)  
}
```

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, 191, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 191, 113) }
```

## Border

The CSS property to change the border of an element to Android 4291215217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

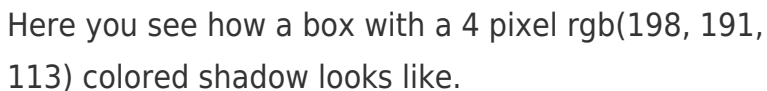
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 191, 113) }
```

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

```
.border{ border-color:rgb(198, 191, 113) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 191, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 191, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 191, 113); box-shadow:4px 4px 4px 4px rgb(198, 191, 113) }
```

# Background

The CSS property to change the background color of an element to Android 4291215217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 191, 113) }
```

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

```
.background{ background-color: rgb(198,  
191, 113) }
```

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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