

# Converting Colors

Android(4291217554)

Have a look what the booklet for  
Android(4291217554) contains.

<b>Android(4291217554)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4291217554)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6C892
RGB	198, 200, 146
RGB Percent	78%, 78%, 57%
CMY	0.2235, 0.2157, 0.4275
CMYK	0.01, 0.00, 0.27, 0.22
HSL	62°, 33%, 68%
HSV	62°, 27%, 78%
XYZ	49.1313, 55.3896, 35.2959
YIQ	193.2460, 16.1420, -17.2180

# Conversions

## Conversions Part 2

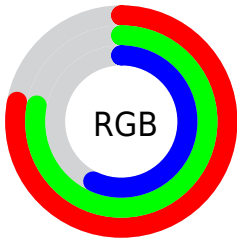
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 200, 148
Decimal	13027474
CIELab	79.27, -9.35, 26.86
CIELCh	79, 28.442, 109.192
Yxy	55.3896, 0.3514, 0.3962
Android (android.graphics.Color)	4291217554 (0xFFC6C892)
YUV	193.2460, -23.2923, 4.1693
Hunter-Lab	74.4242, -12.4053, 23.9785

# Details

The Android color `4291217554` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4287926984`, and the grayscale version is `4290888129`.

A 20% lighter version of the original color is `4294967240`, and `4287664735` is the 20% darker color. If you saturate the color by 10%, you get `4291151998`, and if you desaturate by 10%, it is `4291283110`.

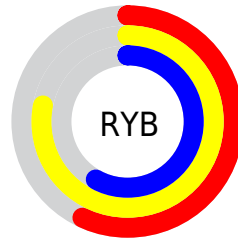
# Distribution



Red (78%)

Green (78%)

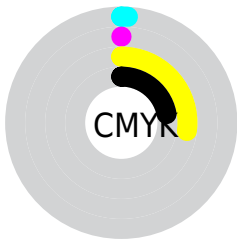
Blue (57%)



Red (57%)

Yellow (78%)

Blue (58%)

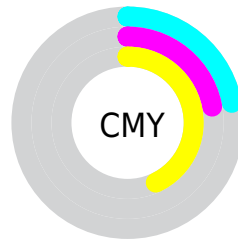


Cyan (1%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (22%)

Magenta (22%)


Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291217554 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 4291217554 by changing the saturation by 10% instead.



 4291217554

 4291217554

4294967295

 4289375608

 4294967240


 4287664735

 4294967268

 4285888583


 4284244016

 4282664985


















 4281152001

 4279704832

 4278190080

 4291217554

 4291217554

 4291151998	 4291283110
 4291151978	 4291283130
 4291086422	 4291348686
 4291020866	 4291414242
 4290955310	 4291479798
 4290955290	 4291479807
 4290889734	 4291545343
 4290889728	 4291610879
	 4291676415

# Harmonies

## Analogous

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



4292984721



4291217554



4289253281

# Triad

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



4291217554



4286304492



4294161103

# Complementary

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



4291217554



4287926984

# 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.



4292720871



4291217554



4288137976

# Square

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



4291217554



4286108629



4290560502



4294619828

# Rectangle

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



4291217554



4287943345



4290560502



4293768152



# Sweetspot

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



4291217554



4294901739



4291335314



4286546035



4278190080



4286611584



# Same Dimension

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



4291217554



4294770605



4289448082



4284703578



4288520960



4280427520



# Inverse Universe

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



4287926984



4289768959



4289696456



4284111459



4278583459



4278255652



# Previews

## White Background



This preview shows how the Android color 4291217554 looks on a white background.

## Color Contrast Check

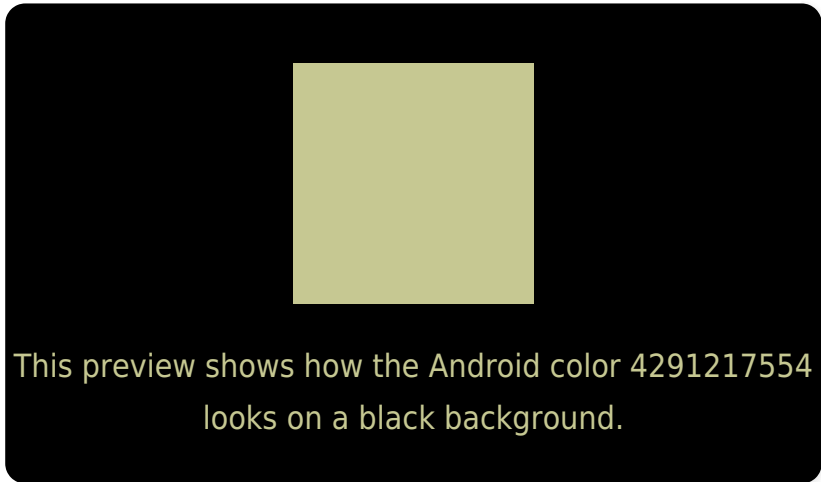
Large Text (above 18pt) WCAG AA × Fail

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

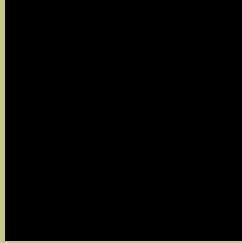
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291217554 Background



This preview shows how black text looks on a background with the Android color 4291217554.



This preview shows how white text looks on a background with the Android color 4291217554.

# Color Blindness Simulation

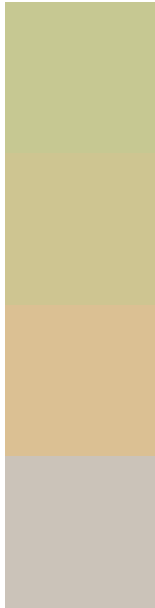
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
4291217554

**Protanomaly**  
4291741073

**Deuteranomaly**  
4292591763

**Tritanomaly**  
4291543993

# Monochromacy



**Original Color**  
4291217554

**Achromatopsia**  
4290888129

**Achromatomaly**  
4291019952

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291217554 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, 200, 146)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 146)  
}
```

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, 200, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 146) }
```

## Border

The CSS property to change the border of an element to Android 4291217554 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, 200, 146) }
```

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

```
.border{ border-color:rgb(198, 200, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 200, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 146);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4291217554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 146) }
```

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

```
.background{ background-color: rgb(198,  
200, 146) }
```

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