

# Converting Colors

Android(4291624756)

Have a look what the booklet for  
Android(4291624756) contains.

<b>Android(4291624756)</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(4291624756)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCFF34
RGB	204, 255, 52
RGB Percent	80%, 100%, 20%
CMY	0.2000, 0.0000, 0.7961
CMYK	0.20, 0.00, 0.80, 0.00
HSL	75°, 100%, 60%
HSV	75°, 80%, 100%
XYZ	61.2817, 84.6053, 16.3494
YIQ	216.6090, 34.7670, -73.9450

# Conversions

## Conversions Part 2

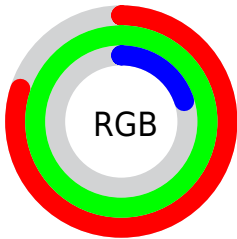
Format	Color
<b>RYB</b>	52, 255, 103
Decimal	13434676
CIELab	93.71, -40.95, 82.86
CIELCh	94, 92.424, 116.299
Yxy	84.6053, 0.3777, 0.5215
Android (android.graphics.Color)	4291624756 (0xFFCCFF34)
YUV	216.6090, -81.1522, -11.0581
Hunter-Lab	91.9811, -42.0429, 53.8482

# Details

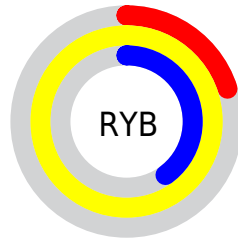
The Android color **4291624756** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **4284953855**, and the grayscale version is **4292467161**.

A 20% lighter version of the original color is **4294967156**, and **4287743488** is the 20% darker color. If you saturate the color by 10%, you get **4291231514**, and if you desaturate by 10%, it is **4292017998**.

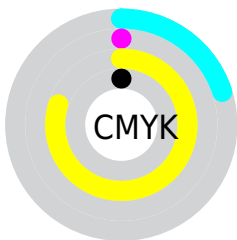
# Distribution



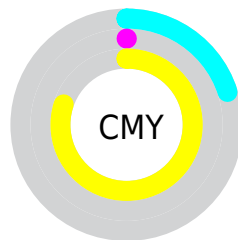
- Red (80%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291624756 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 4291624756 by changing the saturation by 10% instead.





4291624756



4291624756

4294967295



4289651200



4294967156



4287743488



4294967186



4285836032



4294967215



4283863040



4294967245



4281890304



4294967275



4279590144



4278207744



4278201856



4278195456

■ 4291624756

■ 4291624756

■ 4291231514

■ 4292017998

■ 4290772737

■ 4292476775

■ 4290772736

■ 4292870017

■ 4293328794

■ 4293722035

■ 4294115277

■ 4294574055

4294967295

# Harmonies

## Analogous

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



4294960399



4291624756



4282449796

# Triad

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



4291624756



4278255615



4294940156

# Complementary

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



4291624756



4284953855

# 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.



4294947327



4291624756



4278254591

# Square

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



4291624756



4278255615



4292336383



4294942371

# Rectangle

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



4291624756



4278255552



4292336383



4294941695

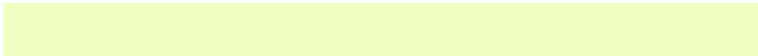


# Sweetspot

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



4291624756



4293984194



4294928180



4285956187



4278190080



4286611584



# Same Dimension

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



4291624756



4290903818



4285005620



4286349427



4287610624



4281352192



# Inverse Universe

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



4284953855



4282911487



4291572991



4285952896



4281335999

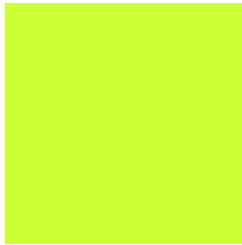


4279238720



# Previews

## White Background



This preview shows how the Android color 4291624756 looks on a white background.

## Color Contrast Check

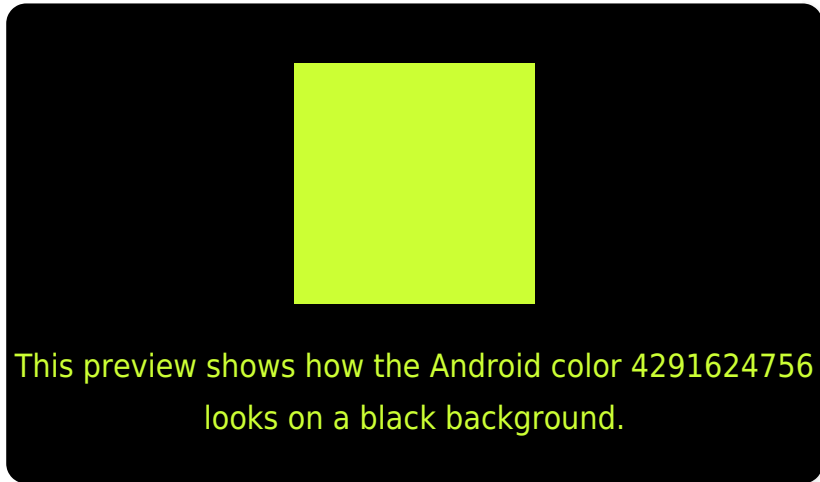
Large Text (above 18pt) WCAG AA × Fail

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 4291624756 Background



This preview shows how black text looks on a background with the Android color 4291624756.



This preview shows how white text looks on a background with the Android color 4291624756.

# 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](#).

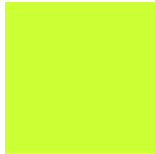
## Dichromacy





**Tritanopia**  
4293062143

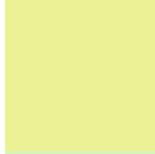
# Trichromacy



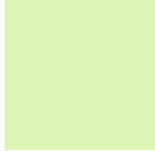
**Original Color**  
4291624756



**Protanomaly**  
4293718902

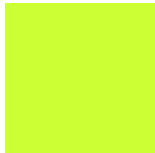


**Deuteranomaly**  
4293718421

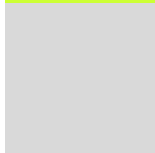


**Tritanomaly**  
4292539573

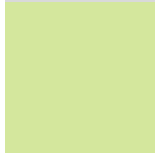
# Monochromacy



**Original Color**  
4291624756



**Achromatopsia**  
4292467161



**Achromatomaly**  
4292143005

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291624756 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(204, 255, 52)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 52)  
}
```

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(204, 255, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 52) }
```

## Border

The CSS property to change the border of an element to Android 4291624756 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(204, 255, 52) }
```

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

```
.border{ border-color:rgb(204, 255, 52) }
```

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

Here you see how a box with a 4 pixel rgb(204, 255, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 52);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
52) }
```

# Background

The CSS property to change the background color of an element to Android 4291624756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 52) }
```

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

```
.background{ background-color: rgb(204,  
255, 52) }
```

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