

# Converting Colors

Android(4292672872)

Have a look what the booklet for  
Android(4292672872) contains.

<b>Android(4292672872)</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(4292672872)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCFD68
RGB	220, 253, 104
RGB Percent	86%, 99%, 41%
CMY	0.1373, 0.0078, 0.5922
CMYK	0.13, 0.00, 0.59, 0.01
HSL	73°, 97%, 70%
HSV	73°, 59%, 99%
XYZ	67.1392, 86.4657, 26.2476
YIQ	226.1470, 28.1610, -53.3350

# Conversions

## Conversions Part 2

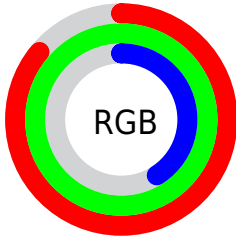
Format	Color
<a href="#">RYB</a>	<a href="#">104, 253, 137</a>
Decimal	<a href="#">14482792</a>
<a href="#">CIELab</a>	<a href="#">94.51, -31.04, 66.06</a>
<a href="#">CIElCh</a>	<a href="#">95, 72.995, 115.170</a>
<a href="#">Yxy</a>	<a href="#">86.4657, 0.3733, 0.4808</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292672872 (0xFFDCFD68)</a>
<a href="#">YUV</a>	<a href="#">226.1470, -60.2185, -5.3909</a>
<a href="#">Hunter-Lab</a>	<a href="#">92.9869, -33.8451, 48.3549</a>

# Details

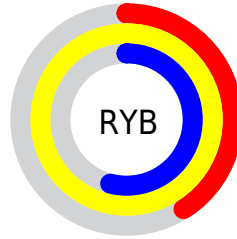
The Android color **4292672872** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **4287195389**, and the grayscale version is **4293125091**.

A 20% lighter version of the original color is **4294967200**, and **4288857134** is the 20% darker color. If you saturate the color by 10%, you get **4292279631**, and if you desaturate by 10%, it is **4293066113**.

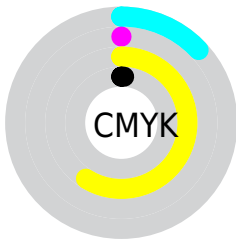
# Distribution



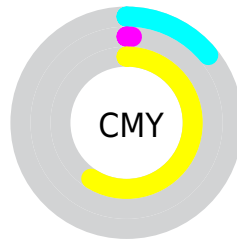
- Red (86%)
- Green (99%)
- Blue (41%)



- Red (41%)
- Yellow (99%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (59%)
- Black (1%)



- Cyan (14%)
- Magenta (1%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292672872 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 4292672872 by changing the saturation by 10% instead.





4292672872



4292672872

4294967295



4290764876



4294967200



4288857134



4294967228



4287015170



4294967257



4285173248



4294967287



4283331840



4281555968



4279583744



4278201600



4278196224

■ 4292672872

■ 4292672872

■ 4292279631

■ 4293066113

■ 4291951925

■ 4293393819

■ 4291558684

■ 4293787060

■ 4291230979

■ 4294114765

■ 4291165440

■ 4294508007

4294901247

4294966783

# Harmonies

## Analogous

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



4294961244



4292672872



4286840731

# Triad

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



4292672872



4278255615



4294947582

# Complementary

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



4292672872



4287195389

# 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.



4294952447



4292672872



4278254335

# Square

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



4292672872



4278255615



4292927999



4294948535

# Rectangle

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



4292672872



4278255561



4292927999



4294948607

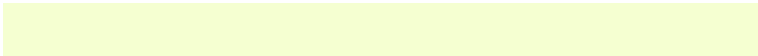


# Sweetspot

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



4292672872



4294311889



4294805608



4286152803



4278190080



4286611584



# Same Dimension

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



4292672872



4292345674



4287823208



4286414963



4288003840



4281483264



# Inverse Universe

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



4287195389



4285680383



4292045053



4285952896



4280942783

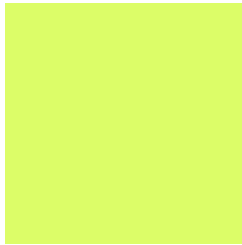


4279107648



# Previews

## White Background



This preview shows how the Android color 4292672872 looks on a white background.

## Color Contrast Check

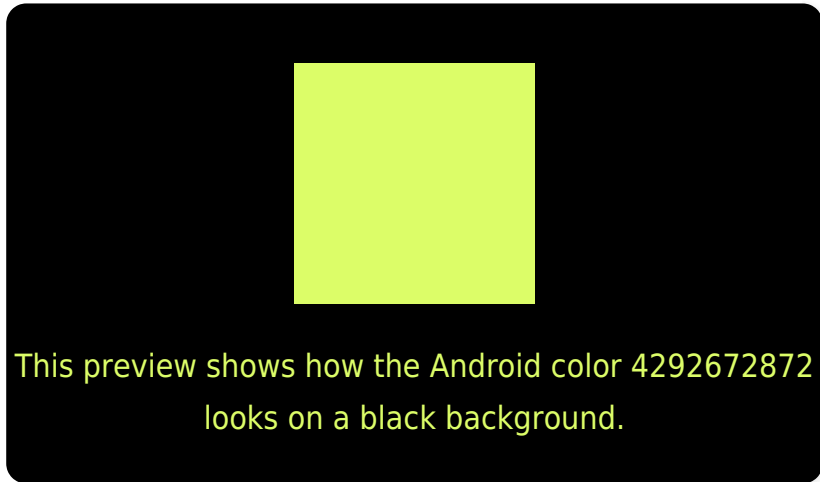
Large Text (above 18pt) WCAG AA × Fail

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 4292672872 Background



This preview shows how black text looks on a background with the Android color 4292672872.

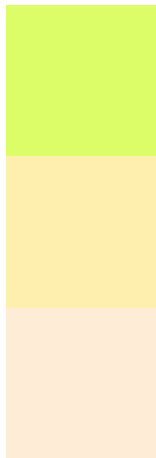


This preview shows how white text looks on a background with the Android color 4292672872.

# 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



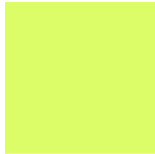
**Original Color**  
4292672872

**Protanopia**  
4294963118

**Deuteranopia**  
4294962390



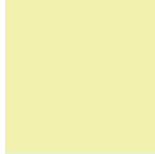
# Trichromacy



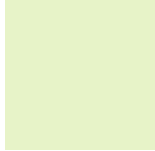
**Original Color**  
4292672872



**Protanomaly**  
4294112405

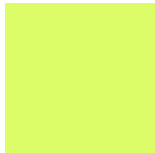


**Deuteranomaly**  
4294111918

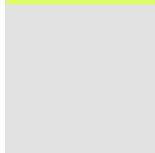


**Tritanomaly**  
4293391304

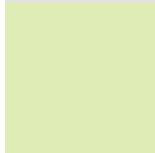
# Monochromacy



**Original Color**  
4292672872



**Achromatopsia**  
4293059298



**Achromatomaly**  
4292930742

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292672872 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(220, 253, 104)` looks like.

```
.text, #text, p{  
    color:rgb(220, 253, 104)  
}
```

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(220, 253, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 253, 104) }
```

## Border

The CSS property to change the border of an element to Android 4292672872 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(220, 253, 104) }
```

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

```
.border{ border-color:rgb(220, 253, 104) }
```

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

Here you see how a box with a 4 pixel rgb(220, 253, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 253, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 253, 104);  
box-shadow:4px 4px 4px 4px rgb(220, 253,  
104) }
```

# Background

The CSS property to change the background color of an element to Android 4292672872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 253, 104) }
```

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

```
.background{ background-color: rgb(220,  
253, 104) }
```

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