

# Converting Colors

Android(4292540928)

Have a look what the booklet for  
Android(4292540928) contains.

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# **Color**

**Android(4292540928)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAFA00
RGB	218, 250, 0
RGB Percent	85%, 98%, 0%
CMY	0.1451, 0.0196, 1.0000
CMYK	0.13, 0.00, 1.00, 0.02
HSL	68°, 100%, 49%
HSV	68°, 100%, 98%
XYZ	63.0990, 83.2766, 12.7483
YIQ	211.9320, 61.1780, -84.5340

# Conversions

## Conversions Part 2

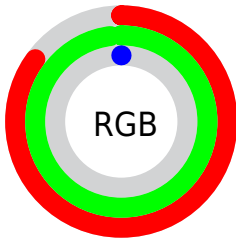
Format	Color
<a href="#">RYB</a>	<a href="#">0, 250, 32</a>
Decimal	<a href="#">14350848</a>
CIELab	<a href="#">93.14, -34.23, 90.32</a>
CIELCh	<a href="#">93, 96.591, 110.757</a>
Yxy	<a href="#">83.2766, 0.3965, 0.5233</a>
Android (android.graphics.Color)	<a href="#">4292540928 (0xFFDAFA00)</a>
YUV	<a href="#">211.9320, -104.4825, 5.3216</a>
Hunter-Lab	<a href="#">91.2560, -36.2741, 55.5965</a>

# Details

The Android color **4292540928** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **4280287482**, and the grayscale version is **4292203989**.

A 20% lighter version of the original color is **4294967134**, and **4288594432** is the 20% darker color. If you saturate the color by 10%, you get **4292540928**, and if you desaturate by 10%, it is **4292737561**.

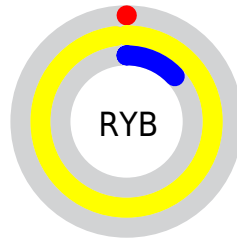
# Distribution



Red (85%)

Green (98%)

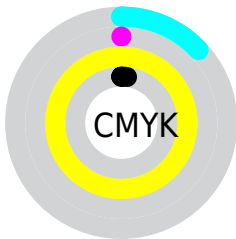
Blue (0%)



Red (0%)

Yellow (98%)

Blue (13%)

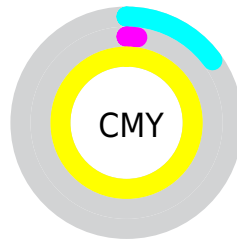


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (15%)

Magenta (2%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292540928 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 4292540928 by changing the saturation by 10% instead.



 4292540928	 4292540928
4294967295	 4290567424
 4294967134	 4288594432
 4294967165	 4286621184
 4294967195	 4284779520
 4294967225	 4282806784
 4294967255	 4280834560
 4294967286	 4278403584
	 4278201088
	 4278194944

 4292540928

 4292737561

 4292934194

 4293196363

 4293392996

 4293589629

 4293786262

 4293982895

 4294245064

 4294441697

# Harmonies

## Analogous

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



4294958336



4292540928



4284284780

# Triad

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



4292540928



4278255615



4294938623

# Complementary

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



4292540928



4280287482

# 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.



4294948095



4292540928



4278255615

# Square

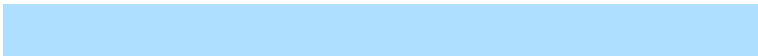
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292540928



4278255615



4289650687



4294939055

# Rectangle

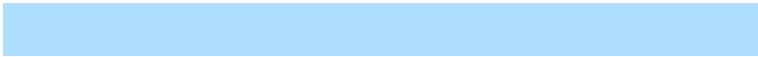
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292540928



4278255530



4289650687



4294941183

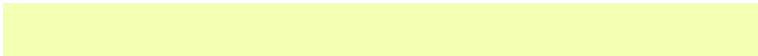


# Sweetspot

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



4292540928



4294311859



4294581504



4286218322



4278190080



4286611584



# Same Dimension

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



4292540928



4292804352



4284545536



4286283120



4289051904



4281679104



# Inverse Universe

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



4280287482



4280353023



4288282874



4285689981



4279763133

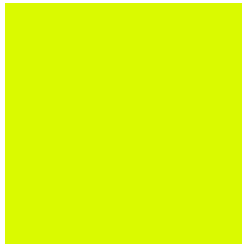


4278714429



# Previews

## White Background



This preview shows how the Android color 4292540928 looks on a white background.

## Color Contrast Check

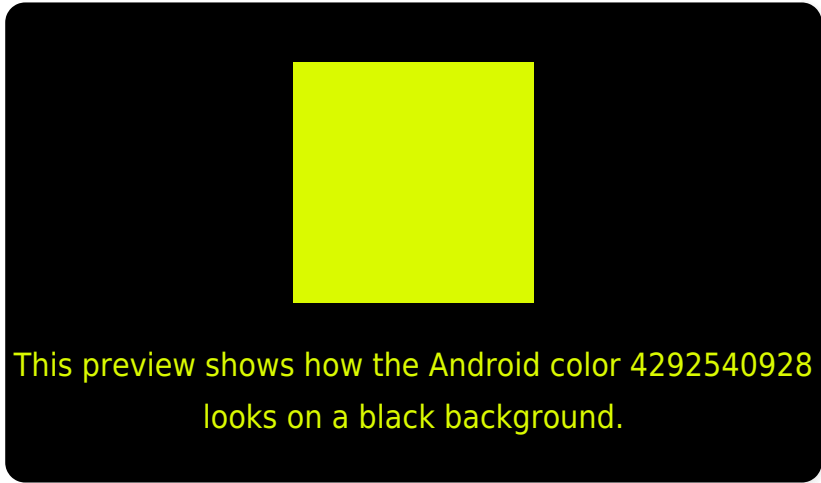
Large Text (above 18pt) WCAG AA × Fail

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 4292540928 Background



This preview shows how black text looks on a background with the Android color 4292540928.

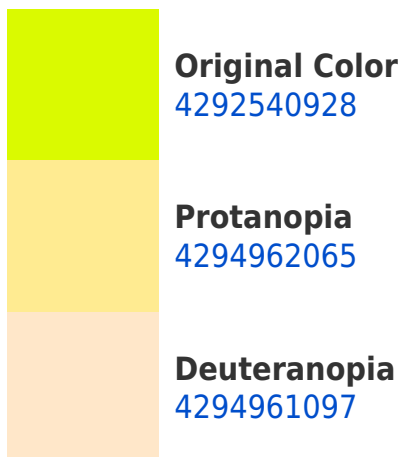


This preview shows how white text looks on a background with the Android color 4292540928.

# 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](#).

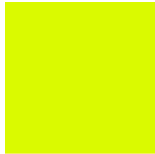
## Dichromacy





**Tritanopia**  
4293781755

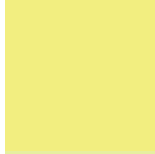
# Trichromacy



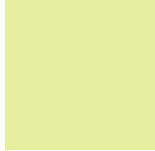
**Original Color**  
4292540928



**Protanomaly**  
4294111324



**Deuteranomaly**  
4294110848



**Tritanomaly**  
4293324704

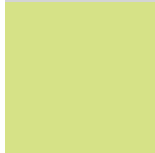
# Monochromacy



**Original Color**  
4292540928



**Achromatopsia**  
4292138196



**Achromatomaly**  
4292272775

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292540928 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(218, 250, 0)` looks like.

```
.text, #text, p{  
    color:rgb(218, 250, 0)  
}
```

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(218, 250, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 250, 0) }
```

## Border

The CSS property to change the border of an element to Android 4292540928 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(218, 250, 0) }
```

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

```
.border{ border-color:rgb(218, 250, 0) }
```

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

Here you see how a box with a 4 pixel rgb(218, 250, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 250, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 250, 0);  
box-shadow:4px 4px 4px 4px rgb(218, 250,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4292540928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 250, 0) }
```

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

```
.background{ background-color: rgb(218,  
250, 0) }
```

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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