

# Converting Colors

Android(4288531456)

Have a look what the booklet for  
Android(4288531456) contains.

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**Color**

**Android(4288531456)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DCC00
RGB	157, 204, 0
RGB Percent	62%, 80%, 0%
CMY	0.3843, 0.2000, 1.0000
CMYK	0.23, 0.00, 1.00, 0.20
HSL	74°, 100%, 40%
HSV	74°, 100%, 80%
XYZ	35.4975, 50.3538, 7.8483
YIQ	166.6910, 37.4720, -73.4080

# Conversions

## Conversions Part 2

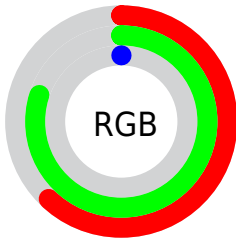
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 204, 47
Decimal	10341376
CIELab	76.29, -37.71, 75.88
CIELCh	76, 84.734, 116.427
Yxy	50.3538, 0.3788, 0.5374
Android (android.graphics.Color)	4288531456 (0xFF9DCC00)
YUV	166.6910, -82.1787, -8.4990
Hunter-Lab	70.9604, -34.8873, 43.1147

# Details

The Android color **4288531456** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **4281270476**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4292411219**, and **4284782080** is the 20% darker color. If you saturate the color by 10%, you get **4288531456**, and if you desaturate by 10%, it is **4288859156**.

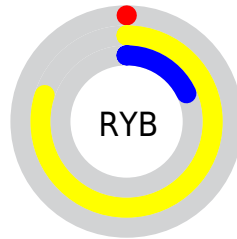
# Distribution



Red (62%)

Green (80%)

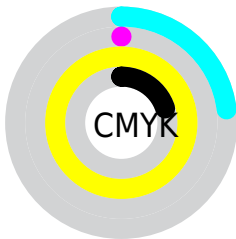
Blue (0%)



Red (0%)

Yellow (80%)

Blue (18%)

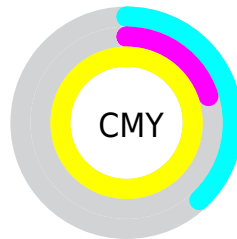


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288531456 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 4288531456 by changing the saturation by 10% instead.



 4288531456

 4288531456

4294967295

 4286623744

 4292411219

 4284782080

 4294377329

 4282874880

 4294967182

 4280902144

 4294967210

 4278209024

 4294967240

 4278203136

 4294967269

 4278197760

 4278190080

 4288531456

 4288859156

 4289121321

 4289449021

 4289776722

 4290104422

 4290366586

 4290694287

 4291021987

 4291284152

# Harmonies

## Analogous

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



4293506304



4288531456



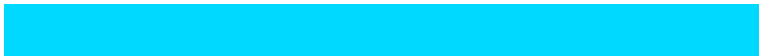
4278245727

# Triad

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



4288531456



4278245887



4294929097

# Complementary

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



4288531456



4281270476

# 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.



4294936319



4288531456



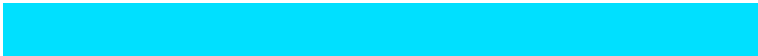
4278241535

# Square

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



4288531456



4278247679



4289113087



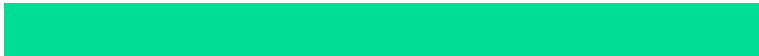
4294931323

# Rectangle

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



4288531456



4278247061



4289113087



4294930659

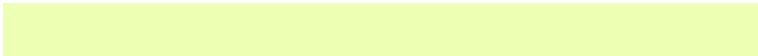


# Sweetspot

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



4288531456



4293787571



4291570688



4285890642



4278190080



4286611584



# Same Dimension

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



4288531456



4291100416



4282043392



4284769884



4286621184



4280100352



# Inverse Universe

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



4281270476



4282056959



4287758540



4284374118



4280680614



4278779942



# Previews

## White Background



This preview shows how the Android color 4288531456 looks on a white background.

## Color Contrast Check

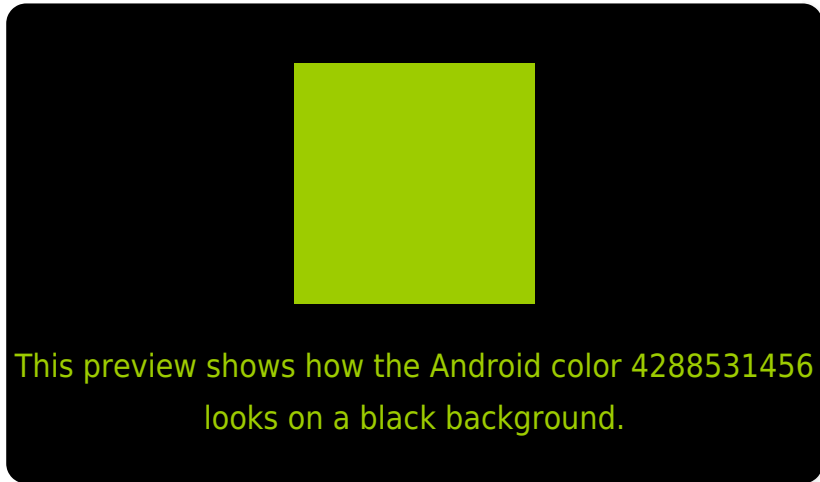
Large Text (above 18pt) WCAG AA × Fail

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 4288531456 Background



This preview shows how black text looks on a background with the Android color 4288531456.



This preview shows how white text looks on a background with the Android color 4288531456.

# 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**  
4288531456

**Protanomaly**  
4290822656

**Deuteranomaly**  
4291803928

**Tritanomaly**  
4289250178

# Monochromacy



**Original Color**  
4288531456

**Achromatopsia**  
4289177511

**Achromatomaly**  
4288918634

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288531456 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(157, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 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(157, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 0) }
```

## Border

The CSS property to change the border of an element to Android 4288531456 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(157, 204, 0) }
```

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

```
.border{ border-color:rgb(157, 204, 0) }
```

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

Here you see how a box with a 4 pixel rgb(157, 204, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(157, 204,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4288531456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 0) }
```

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

```
.background{ background-color: rgb(157,  
204, 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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