

# Converting Colors

Android(4287220736)

Have a look what the booklet for  
Android(4287220736) contains.

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# **Color**

**Android(4287220736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89CC00
RGB	137, 204, 0
RGB Percent	54%, 80%, 0%
CMY	0.4627, 0.2000, 1.0000
CMYK	0.33, 0.00, 1.00, 0.20
HSL	80°, 100%, 40%
HSV	80°, 100%, 80%
XYZ	31.9094, 48.5041, 7.6804
YIQ	160.7110, 25.5520, -77.6480

# Conversions

## Conversions Part 2

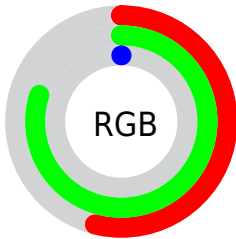
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 204, 67
Decimal	9030656
CIELab	75.14, -45.35, 74.50
CIELCh	75, 87.219, 121.326
Yxy	48.5041, 0.3622, 0.5506
Android (android.graphics.Color)	4287220736 (0xFF89CC00)
YUV	160.7110, -79.2305, -20.7945
Hunter-Lab	69.6449, -40.0947, 42.2129

# Details

The Android color **4287220736** 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 **4282581196**, and the grayscale version is **4288782753**.

A 20% lighter version of the original color is **4291100499**, and **4283405568** is the 20% darker color. If you saturate the color by 10%, you get **4287220736**, and if you desaturate by 10%, it is **4287679508**.

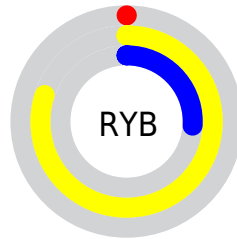
# Distribution



Red (54%)

Green (80%)

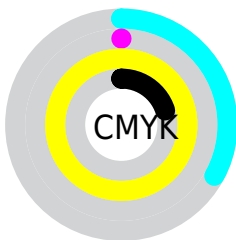
Blue (0%)



Red (0%)

Yellow (80%)

Blue (26%)

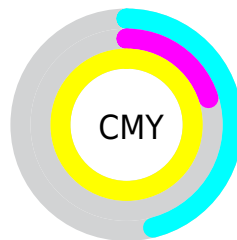


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (46%)

Magenta (20%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287220736 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 4287220736 by changing the saturation by 10% instead.



 4287220736

 4287220736

4294967295

 4285313024

 4291100499

 4283405568

 4293001072

 4281367296

 4294967181

 4278346240

 4294967210

 4278208768

 4294967239

 4278202880

 4294967268

 4278196992

 4278190080

 4287220736

 4287679508

 4288072745

 4288531517

 4288990290

 4289449062

 4289842298

 4290301071

 4290759843

 4291153080

# Harmonies

## Analogous

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



4292523776



4287220736



4278245479

# Triad

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



4287220736



4278244863



4294926521

# Complementary

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



4287220736



4282581196

# 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.



4294932991



4287220736



4278239999

# Square

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



4287220736



4278246655



4290355967



4294930794

# Rectangle

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



4287220736



4278246558



4290355967



4294927572

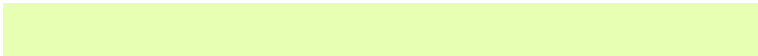


# Sweetspot

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



4287220736



4293328819



4291576064



4285562962



4278190080



4286611584



# Same Dimension

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



4287220736



4289462016



4280667136



4284704348



4285507072



4279903744



# Inverse Universe

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



4282581196



4283695359



4289134796



4284439654



4281729190

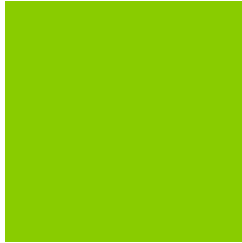


4279042086



# Previews

## White Background



This preview shows how the Android color 4287220736 looks on a white background.

## Color Contrast Check

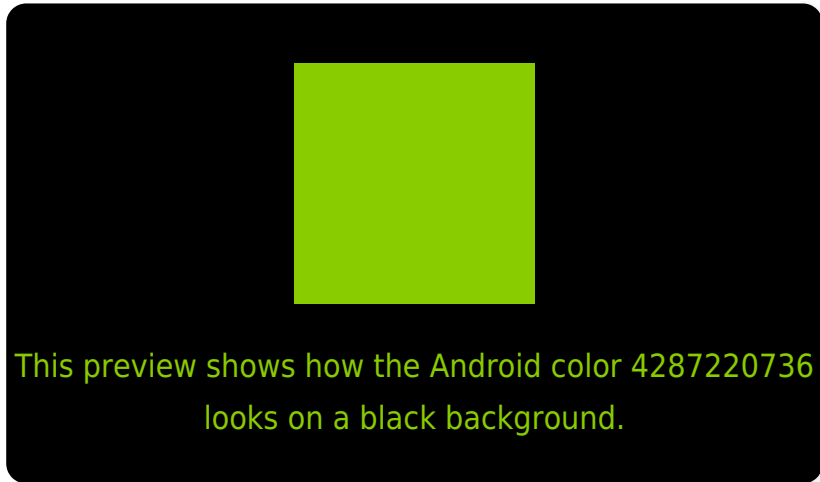
Large Text (above 18pt) WCAG AA × Fail

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 4287220736 Background



This preview shows how black text looks on a background with the Android color 4287220736.



This preview shows how white text looks on a background with the Android color 4287220736.

# 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



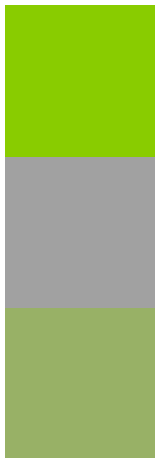
**Original Color**  
4287220736

**Protanomaly**  
4290166784

**Deuteranomaly**  
4291148313

**Tritanomaly**  
4288070530

# Monochromacy



**Original Color**  
4287220736

**Achromatopsia**  
4288782753

**Achromatomaly**  
4288196966

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287220736 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(137, 204, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 204, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 204, 0) }
```

## Border

The CSS property to change the border of an element to Android 4287220736 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(137, 204, 0) }
```

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

```
.border{ border-color:rgb(137, 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(137, 204, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 204, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 204, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 204,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4287220736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 204, 0) }
```

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

```
.background{ background-color: rgb(137,  
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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