

# Converting Colors

Android(4286957824)

Have a look what the booklet for  
Android(4286957824) contains.

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**Color**

**Android(4286957824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85C900
RGB	133, 201, 0
RGB Percent	52%, 79%, 0%
CMY	0.4784, 0.2118, 1.0000
CMYK	0.34, 0.00, 1.00, 0.21
HSL	80°, 100%, 39%
HSV	80°, 100%, 79%
XYZ	30.5595, 46.7598, 7.4149
YIQ	157.7540, 23.9930, -76.9270

# Conversions

## Conversions Part 2

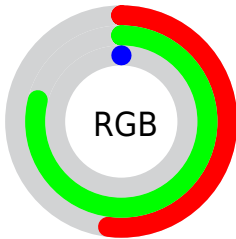
Format	Color
<b>RYB</b>	0, 201, 68
Decimal	8767744
CIELab	74.04, -45.55, 73.56
CIELCh	74, 86.522, 121.766
Yxy	46.7598, 0.3607, 0.5518
Android (android.graphics.Color)	4286957824 (0xFF85C900)
YUV	157.7540, -77.7727, -21.7093
Hunter-Lab	68.3812, -39.8955, 41.4377

# Details

The Android color **4286957824** 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 **4282646729**, and the grayscale version is **4288585374**.

A 20% lighter version of the original color is **4290772818**, and **4283142656** is the 20% darker color. If you saturate the color by 10%, you get **4286957824**, and if you desaturate by 10%, it is **4287416596**.

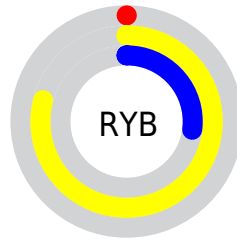
# Distribution



Red (52%)

Green (79%)

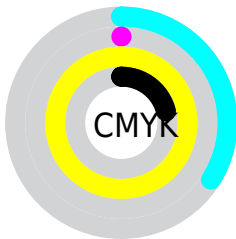
Blue (0%)



Red (0%)

Yellow (79%)

Blue (27%)

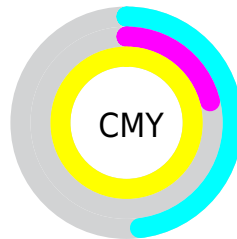


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (21%)



Cyan (48%)

Magenta (21%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286957824 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 4286957824 by changing the saturation by 10% instead.



 4286957824

 4286957824

4294967295

 4285050112

 4290772818

 4283142656

 4292738927

 4281104384

 4294705036

 4278214400

 4294967209

 4278208000

 4294967238

 4278202368

 4294967267

 4278195968

 4278190080

 4286957824

 4287416596

 4287875368

 4288268604

 4288727376

 4289186149

 4289644921

 4290103693

 4290496929

 4290955701

# Harmonies

## Analogous

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



4292260864



4286957824



4278244710

# Triad

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



4286957824



4278243839



4294925749

# Complementary

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



4286957824



4282646729

# 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.



4294932223



4286957824



4278238975

# Square

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



4286957824



4278245887



4290289407



4294930279

# Rectangle

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



4286957824



4278245533



4290289407



4294926799

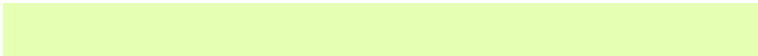


# Sweetspot

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



4286957824



4293263283



4291379968



4285562962



4278190080



4286611584



# Same Dimension

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



4286957824



4289330944



4280404224



4284506970



4285309696



4279772160



# Inverse Universe

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



4282646729



4283826431



4289200329



4284308067



4281794723



4278976548



# Previews

## White Background



This preview shows how the Android color 4286957824 looks on a white background.

## Color Contrast Check

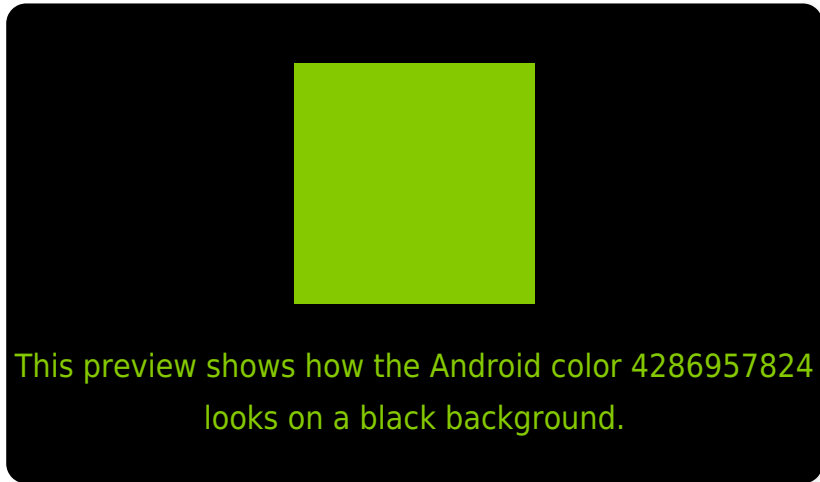
Large Text (above 18pt) WCAG AA × Fail

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 4286957824 Background



This preview shows how black text looks on a background with the Android color 4286957824.



This preview shows how white text looks on a background with the Android color 4286957824.

# 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**  
4286957824

**Protanomaly**  
4289903872

**Deuteranomaly**  
4290885401

**Tritanomaly**  
4287807617

# Monochromacy



**Original Color**  
4286957824

**Achromatopsia**  
4288585374

**Achromatomaly**  
4287999589

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286957824 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(133, 201, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 201, 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(133, 201, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 201, 0) }
```

## Border

The CSS property to change the border of an element to Android 4286957824 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(133, 201, 0) }
```

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

```
.border{ border-color:rgb(133, 201, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 201, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 201, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 201, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 201,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4286957824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 201, 0) }
```

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

```
.background{ background-color: rgb(133,  
201, 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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