

# Converting Colors

Android(4286824960)

Have a look what the booklet for  
Android(4286824960) contains.

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**Color**

**Android(4286824960)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C200
RGB	131, 194, 0
RGB Percent	51%, 76%, 0%
CMY	0.4863, 0.2392, 1.0000
CMYK	0.32, 0.00, 1.00, 0.24
HSL	79°, 100%, 38%
HSV	79°, 100%, 76%
XYZ	28.6519, 43.4089, 6.8686
YIQ	153.0470, 24.7260, -73.6900

# Conversions

## Conversions Part 2

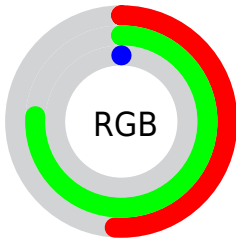
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 194, 63
Decimal	8634880
CIELab	71.83, -43.33, 71.82
CIELCh	72, 83.877, 121.104
Yxy	43.4089, 0.3630, 0.5500
Android (android.graphics.Color)	4286824960 (0xFF83C200)
YUV	153.0470, -75.4522, -19.3352
Hunter-Lab	65.8854, -37.6744, 39.9387

# Details

The Android color **4286824960** 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 **4282319042**, and the grayscale version is **4288322202**.

A 20% lighter version of the original color is **4290640721**, and **4283010048** is the 20% darker color. If you saturate the color by 10%, you get **4286824960**, and if you desaturate by 10%, it is **4287218195**.

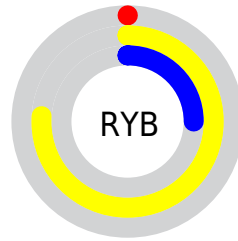
# Distribution



Red (51%)

Green (76%)

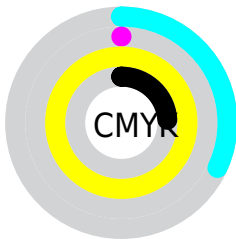
Blue (0%)



Red (0%)

Yellow (76%)

Blue (25%)

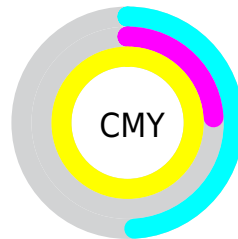


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (49%)

Magenta (24%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286824960 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 4286824960 by changing the saturation by 10% instead.





4286824960



4286824960

4294967295



4284917504



4290640721



4283010048



4292607854



4281037312



4294573962



4278212864



4294967207



4278206720



4294967236



4278201088



4294967265



4278193152



4278190080



4286824960

 4287218195

 4287676967

 4288070202

 4288463438

 4288856673

 4289315444

 4289708680

 4290101915

 4290560687

# Harmonies

## Analogous

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



4291866112



4286824960



4278242657

# Triad

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



4286824960



4278242047



4294925233

# Complementary

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



4286824960



4282319042

# 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.



4294931707



4286824960



4278237695

# Square

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



4286824960



4278244093



4289698559



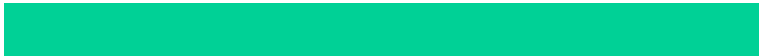
4294929254

# Rectangle

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



4286824960



4278243734



4289698559



4294926282

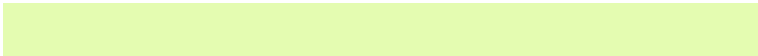


# Sweetspot

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



4286824960



4293196977



4290919680



4285628498



4278190080



4286611584



# Same Dimension

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



4286824960



4289395712



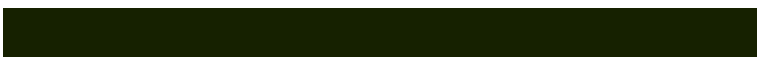
4280599040



4284375383



4285309184



4279640320



# Inverse Universe

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



4282319042



4283564284



4288544962



4284110689



4281598113



4278911009



# Previews

## White Background



This preview shows how the Android color 4286824960 looks on a white background.

## Color Contrast Check

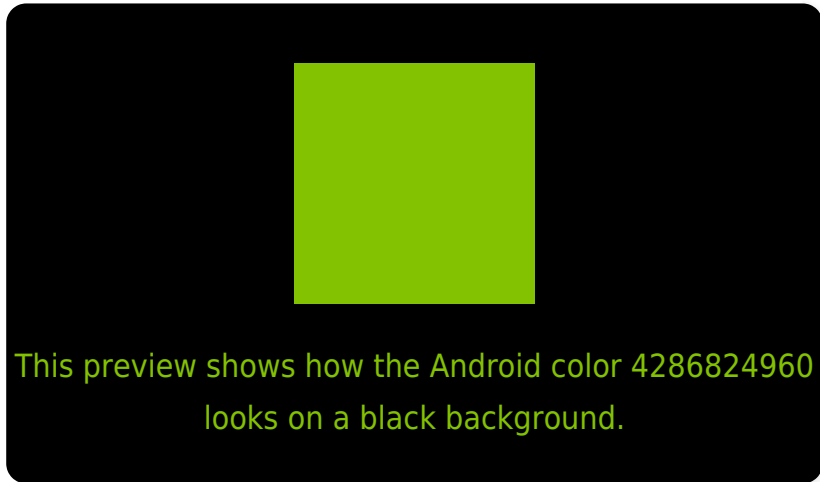
Large Text (above 18pt) WCAG AA × Fail

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 4286824960 Background



This preview shows how black text looks on a background with the Android color 4286824960.

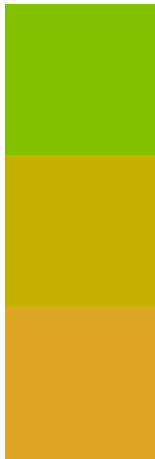


This preview shows how white text looks on a background with the Android color 4286824960.

# 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**  
4286824960

**Protanopia**  
4291211264

**Deuteranopia**  
4292716069



# Trichromacy



**Original Color**  
4286824960

**Protanomaly**  
4289640192

**Deuteranomaly**  
4290555928

**Tritanomaly**  
4287609212

# Monochromacy



**Original Color**  
4286824960

**Achromatopsia**  
4288256409

**Achromatomaly**  
4287735905

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286824960 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(131, 194, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 194, 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(131, 194, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 194, 0) }
```

## Border

The CSS property to change the border of an element to Android 4286824960 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(131, 194, 0) }
```

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

```
.border{ border-color:rgb(131, 194, 0) }
```

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

Here you see how a box with a 4 pixel rgb(131, 194, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 194, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 194, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 194,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4286824960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 194, 0) }
```

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

```
.background{ background-color: rgb(131,  
194, 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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