

# Converting Colors

Android(4286824256)

Have a look what the booklet for  
Android(4286824256) contains.

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# **Color**

**Android(4286824256)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	83BF40
RGB	131, 191, 64
RGB Percent	51%, 75%, 25%
CMY	0.4863, 0.2510, 0.7490
CMYK	0.31, 0.00, 0.66, 0.25
HSL	88°, 50%, 50%
HSV	88°, 66%, 75%
XYZ	28.9163, 42.4571, 11.5215
YIQ	158.5820, 5.0070, -52.2170

# Conversions

## Conversions Part 2

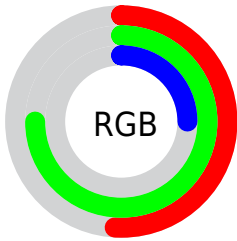
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 191, 124
Decimal	8634176
CIELab	71.18, -39.51, 55.72
CIELCh	71, 68.310, 125.342
Yxy	42.4571, 0.3488, 0.5122
Android (android.graphics.Color)	4286824256 (0xFF83BF40)
YUV	158.5820, -46.6289, -24.1894
Hunter-Lab	65.1591, -34.8137, 35.1277

# Details

The Android color `4286824256` is a dark color, and the websafe version is hex `99CC33`. A complement of this color would be `4286333119`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4290508918`, and `4283205888` is the 20% darker color. If you saturate the color by 10%, you get `4286234413`, and if you desaturate by 10%, it is `4287414099`.

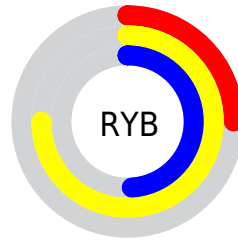
# Distribution



Red (51%)

Green (75%)

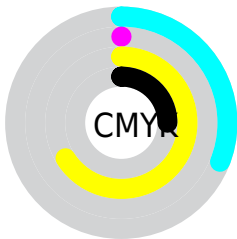
Blue (25%)



Red (25%)

Yellow (75%)

Blue (49%)

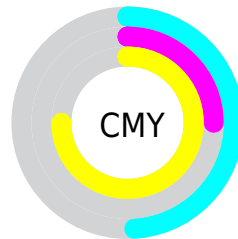


Cyan (31%)

Magenta (0%)

Yellow (66%)

Black (25%)



Cyan (49%)

Magenta (25%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286824256 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 4286824256 by changing the saturation by 10% instead.





4286824256



4286824256

4294967295



4284982307



4290508918



4283205888



4292411281



4281298688



4294377389



4279195136



4294967241



4278205952



4294967270



4278200576



4278192128



4278190080



4286824256



4286824256

■ 4286234413

■ 4287414099

■ 4285644570

■ 4288003942

■ 4285054727

■ 4288593785

■ 4284858112

■ 4289183628

■ 4289773472

■ 4290363315

■ 4290953158

■ 4291543001

■ 4292132844

# Harmonies

## Analogous

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



4291079969



4286824256



4278241400

# Triad

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



4286824256



4278239999



4294931110

# Complementary

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



4286824256



4286333119

# 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.



4294934243



4286824256



4280464127

# Square

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



4286824256



4278242037



4290746879



4294934378

# Rectangle

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



4286824256



4278242210



4290746879



4294931643

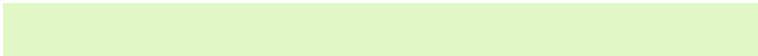


# Sweetspot

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



4286824256



4292933574



4290739008



4285496671



4294769916



4286414205



# Same Dimension

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



4286824256



4288345905



4282695488



4284112469



4283670016



4279246592



# Inverse Universe

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



4286333119



4287574519



4290461887



4284044638



4283105438



4279107615



# Previews

## White Background



This preview shows how the Android color 4286824256 looks on a white background.

## Color Contrast Check

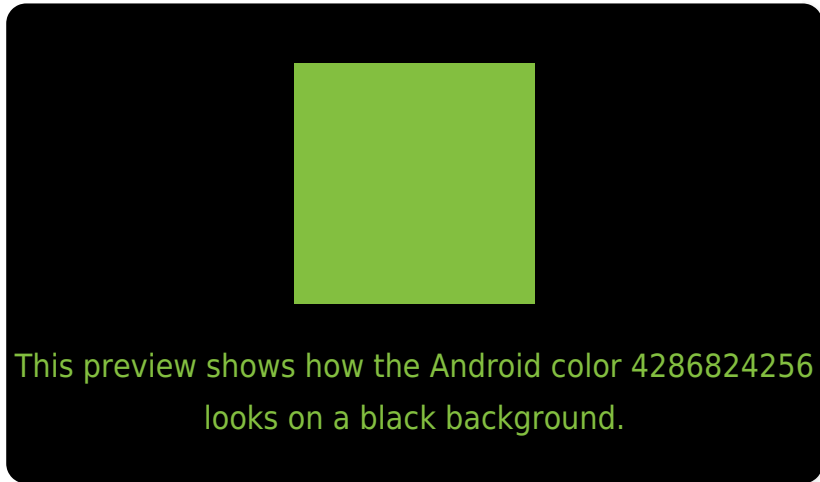
Large Text (above 18pt) WCAG AA × Fail

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 4286824256 Background



This preview shows how black text looks on a background with the Android color 4286824256.



This preview shows how white text looks on a background with the Android color 4286824256.

# 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**

4286824256



**Protanomaly**

4289442877



**Deuteranomaly**

4290293318



**Tritanomaly**

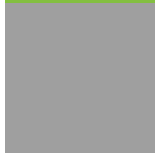
4287543186

# Monochromacy



**Original Color**

4286824256



**Achromatopsia**

4288651167



**Achromatomaly**

4287998844

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286824256 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, 191, 64)` looks like.

```
.text, #text, p{  
    color:rgb(131, 191, 64)  
}
```

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, 191, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 191, 64) }
```

## Border

The CSS property to change the border of an element to Android 4286824256 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, 191, 64) }
```

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

```
.border{ border-color:rgb(131, 191, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 191, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 191, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 191, 64);  
box-shadow:4px 4px 4px 4px rgb(131, 191,  
64) }
```

# Background

The CSS property to change the background color of an element to Android 4286824256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 191, 64) }
```

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

```
.background{ background-color: rgb(131,  
191, 64) }
```

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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