

# Converting Colors

Android(4285963051)

Have a look what the booklet for  
Android(4285963051) contains.

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# Color

**Android(4285963051)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769B2B
RGB	118, 155, 43
RGB Percent	46%, 61%, 17%
CMY	0.5373, 0.3922, 0.8314
CMYK	0.24, 0.00, 0.72, 0.39
HSL	80°, 57%, 39%
HSV	80°, 72%, 61%
XYZ	19.6286, 27.4687, 6.5529
YIQ	131.1690, 13.9000, -42.6760

# Conversions

## Conversions Part 2

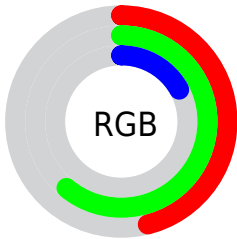
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 155, 80
Decimal	7772971
CIELab	59.41, -29.48, 51.63
CIELCh	59, 59.457, 119.726
Yxy	27.4687, 0.3659, 0.5120
Android (android.graphics.Color)	4285963051 (0xFF769B2B)
YUV	131.1690, -43.4673, -11.5492
Hunter-Lab	52.4106, -24.8673, 29.2743

# Details

The Android color `4285963051` is a dark color, and the websafe version is hex `669933`. A complement of this color would be `4283444123`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4289581664`, and `4282476544` is the 20% darker color. If you saturate the color by 10%, you get `4285635356`, and if you desaturate by 10%, it is `4286290747`.

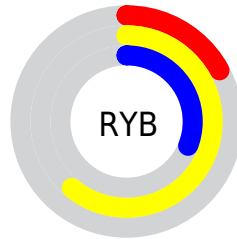
# Distribution



Red (46%)

Green (61%)

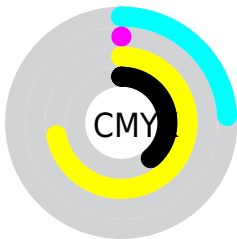
Blue (17%)



Red (17%)

Yellow (61%)

Blue (31%)

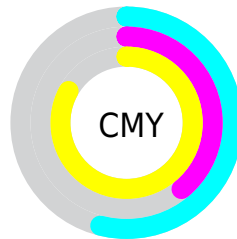


Cyan (24%)

Magenta (0%)

Yellow (72%)

Black (39%)



Cyan (54%)

Magenta (39%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285963051 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 4285963051 by changing the saturation by 10% instead.





4285963051



4285963051

4294967295



4284186890



4289581664



4282476544



4291423866



4280831744



4293328789



4278728704



4294967217



4278199040



4294967245



4278190080



4294967274



4285963051



4285963051



4285635356



4286290747

■ 4285307660

■ 4286618442

■ 4285045504

■ 4286946138

■ 4287273833

■ 4287667065

■ 4287994760

■ 4288322456

■ 4288650151

■ 4288977847

# Harmonies

## Analogous

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



4289367064



4285963051



4280394840

# Triad

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



4285963051



4278231785



4293614994

# Complementary

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



4285963051



4283444123

# 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.



4291652549



4285963051



4278228472

# Square

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



4285963051



4278233025



4287529450



4293551198

# Rectangle

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



4285963051



4278232955



4287529450



4293156771



# Sweetspot

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



4285963051



4290496925



4288368171



4284311115



4293322470



4284900966



# Same Dimension

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



4285963051



4287678746



4282424107



4283059525



4284386304



4278783232



# Inverse Universe

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



4283444123



4283701961



4286983067



4282860877



4281204876



4278452237



# Previews

## White Background



This preview shows how the Android color 4285963051 looks on a white background.

## Color Contrast Check

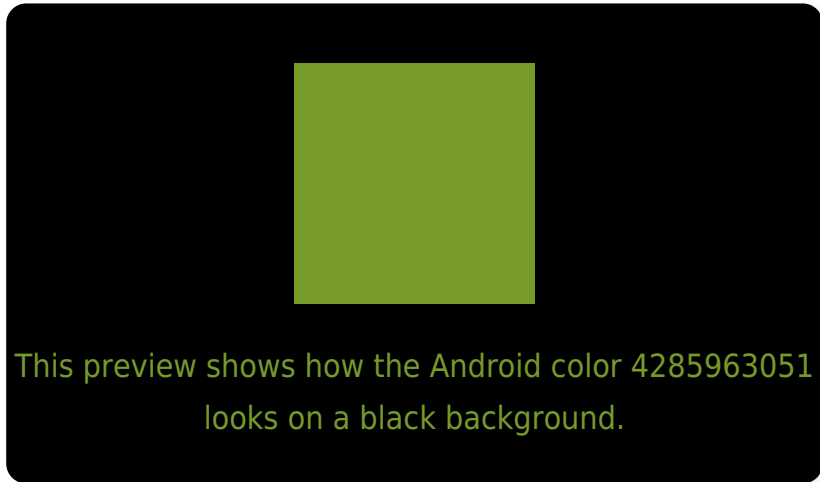
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285963051 Background



This preview shows how black text looks on a background with the Android color 4285963051.



This preview shows how white text looks on a background with the Android color 4285963051.

# 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**  
4285963051

**Protanopia**  
4288712488

**Deuteranopia**  
4289890099



# Trichromacy



**Original Color**  
4285963051

**Protanomaly**  
4287730473

**Deuteranomaly**  
4288450096

**Tritanomaly**  
4286485875

# Monochromacy



**Original Color**  
4285963051

**Achromatopsia**  
4286808963

**Achromatomaly**  
4286483555

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285963051 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(118, 155, 43)` looks like.

```
.text, #text, p{  
    color:rgb(118, 155, 43)  
}
```

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(118, 155, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 155, 43) }
```

## Border

The CSS property to change the border of an element to Android 4285963051 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(118, 155, 43) }
```

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

```
.border{ border-color:rgb(118, 155, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 155, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 155, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 155, 43);  
box-shadow:4px 4px 4px 4px rgb(118, 155,  
43) }
```

# Background

The CSS property to change the background color of an element to Android 4285963051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 155, 43) }
```

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

```
.background{ background-color: rgb(118,  
155, 43) }
```

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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