

Converting Colors

Android(4287350849)

Have a look what the booklet for
Android(4287350849) contains.

Android(4287350849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4287350849)

Conversions

Conversions Part 1

Format	Color
Hex	8BC841
RGB	139, 200, 65
RGB Percent	55%, 78%, 25%
CMY	0.4549, 0.2157, 0.7451
CMYK	0.31, 0.00, 0.68, 0.22
HSL	87°, 55%, 52%
HSV	87°, 68%, 78%
XYZ	32.2559, 47.1792, 12.4075
YIQ	166.3710, 6.9790, -54.9170

Conversions

Conversions Part 2

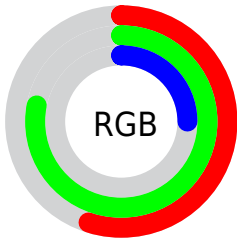
Format	Color
RYB	65, 200, 126
Decimal	9160769
CIELab	74.30, -40.48, 58.73
CIELCh	74, 71.334, 124.576
Yxy	47.1792, 0.3512, 0.5137
Android (android.graphics.Color)	4287350849 (0xFF8BC841)
YUV	166.3710, -49.9759, -24.0044
Hunter-Lab	68.6871, -36.3778, 37.3710

Details

The Android color **4287350849** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4286464456**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4291100536**, and **4283666944** is the 20% darker color. If you saturate the color by 10%, you get **4286761005**, and if you desaturate by 10%, it is **4287940693**.

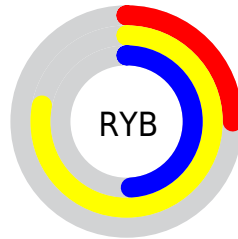
Distribution



Red (55%)

Green (78%)

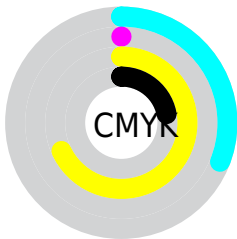
Blue (25%)



Red (25%)

Yellow (78%)

Blue (49%)

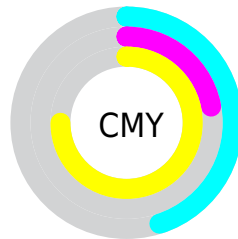


Cyan (31%)

Magenta (0%)

Yellow (68%)

Black (22%)



Cyan (45%)

Magenta (22%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287350849 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 4287350849 by changing the saturation by 10% instead.



4287350849



4287350849

4294967295



4285508644



4291100536



4283666944



4293001107



4281825280



4294967215



4279852544



4294967243



4278208000



4294967272



4278202112



4278196224



4278190080



4287350849



4287350849

■ 4286761005

■ 4287940693

■ 4286171161

■ 4288530537

■ 4285581317

■ 4289120381

■ 4285450240

■ 4289710225

■ 4290300069

■ 4290889913

■ 4291479757

■ 4292069601

■ 4292659445

Harmonies

Analogous

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



4291802912



4287350849



4278243963

Triad

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



4287350849



4278242559



4294932399

Complementary

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



4287350849



4286464456

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.



4294936048



4287350849



4278434815

Square

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



4287350849



4278244607



4291142143



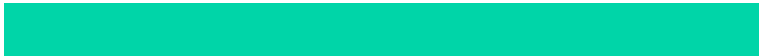
4294935664

Rectangle

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



4287350849



4278244776



4291142143



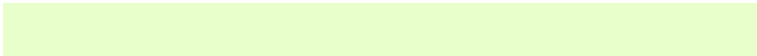
4294932934

Sweetspot

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



4287350849



4293459916



4291329601



4285694049



4278190080



4286611584

Same Dimension

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



4287350849



4288872240



4282959937



4284441434



4284064512



4279510016

Inverse Universe

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



4286464456



4287508735



4290855368



4284373603



4283039907



4279238692

Previews

White Background



This preview shows how the Android color 4287350849 looks on a white background.

Color Contrast Check

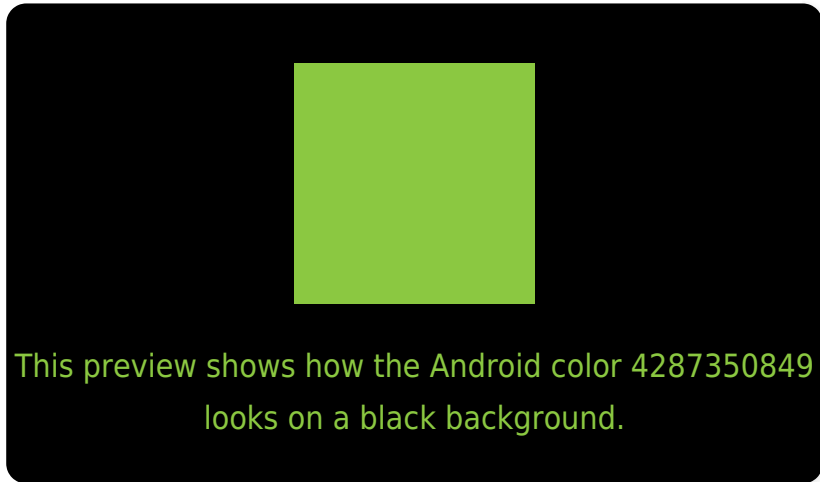
Large Text (above 18pt) WCAG AA × Fail

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 4287350849 Background



This preview shows how black text looks on a background with the Android color 4287350849.



This preview shows how white text looks on a background with the Android color 4287350849.

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](#).

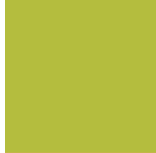
Dichromacy



Trichromacy



Original Color
4287350849



Protanomaly
4290035006



Deuteranomaly
4290950983

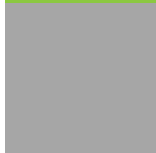


Tritanomaly
4288069784

Monochromacy



Original Color
4287350849



Achromatopsia
4289111718



Achromatomaly
4288459393

CSS Examples

Text

The CSS property to change the color of the text to Android 4287350849 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(139, 200, 65)` looks like.

```
.text, #text, p{  
    color:rgb(139, 200, 65)  
}
```

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(139, 200, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 200, 65) }
```

Border

The CSS property to change the border of an element to Android 4287350849 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(139, 200, 65) }
```

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

```
.border{ border-color:rgb(139, 200, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 200, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 200, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 200, 65);  
box-shadow:4px 4px 4px 4px rgb(139, 200,  
65) }
```

Background

The CSS property to change the background color of an element to Android 4287350849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 200, 65) }
```

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

```
.background{ background-color: rgb(139,  
200, 65) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor