

Converting Colors

Android(4284993101)

Have a look what the booklet for
Android(4284993101) contains.

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Color

Android(4284993101)

Conversions

Conversions Part 1

Format	Color
Hex	67CE4D
RGB	103, 206, 77
RGB Percent	40%, 81%, 30%
CMY	0.5961, 0.1922, 0.6980
CMYK	0.50, 0.00, 0.63, 0.19
HSL	108°, 57%, 55%
HSV	108°, 63%, 81%
XYZ	29.0044, 47.5620, 14.6729
YIQ	160.4970, -19.9790, -61.9550

Conversions

Conversions Part 2

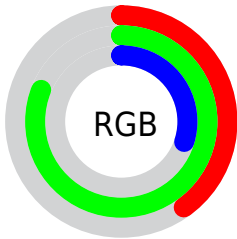
Format	Color
RYB	77, 206, 180
Decimal	6803021
CIELab	74.55, -53.67, 53.58
CIELCh	75, 75.836, 135.047
Yxy	47.5620, 0.3179, 0.5213
Android (android.graphics.Color)	4284993101 (0xFF67CE4D)
YUV	160.4970, -41.1640, -50.4249
Hunter-Lab	68.9652, -45.6182, 35.6612

Details

The Android color `4284993101` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark muted chartreuse. A complement of this color would be `4290006478`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4288806787`, and `4280719122` is the 20% darker color. If you saturate the color by 10%, you get `4283944504`, and if you desaturate by 10%, it is `4286041698`.

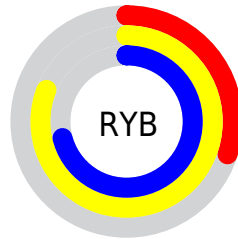
Distribution



Red (40%)

Green (81%)

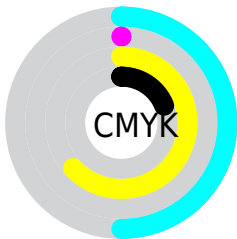
Blue (30%)



Red (30%)

Yellow (81%)

Blue (71%)

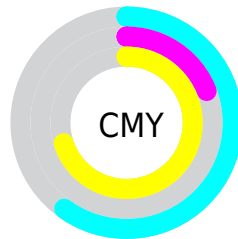


Cyan (50%)

Magenta (0%)

Yellow (63%)

Black (19%)



Cyan (60%)

Magenta (19%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284993101 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 4284993101 by changing the saturation by 10% instead.



4284993101



4284993101

4294967295



4283019826



4288806787



4280719122



4290772894



4278221824



4292673466



4278215168



4294639574



4278208768



4294967284



4278202880



4278196480



4278190080



4284993101



4284993101

■ 4283944504

■ 4286041698

■ 4282830372

■ 4287155830

■ 4281781775

■ 4288204427

■ 4280995328

■ 4289318559

■ 4290367156

■ 4291481289

■ 4292529885

■ 4293644018

■ 4294692607

Harmonies

Analogous

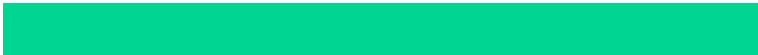
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4290363155



4284993101



4278245009

Triad

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



4284993101



4278241791



4294931351

Complementary

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



4284993101



4290006478

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.



4294932701



4284993101



4285248511

Square

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



4284993101



4278244863



4293367295



4294937175

Rectangle

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



4284993101



4278245570



4293367295



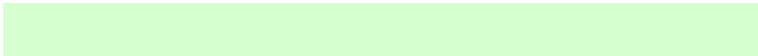
4294930862

Sweetspot

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



4284993101



4292411343



4291736141



4285038690



4278190080



4286611584

Same Dimension

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



4284993101



4284940096



4283289202



4284376668



4280395264



4278724096

Inverse Universe

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



4290006478



4292362495



4291710377



4284767334



4286840998



4280221734

Previews

White Background



This preview shows how the Android color 4284993101 looks on a white background.

Color Contrast Check

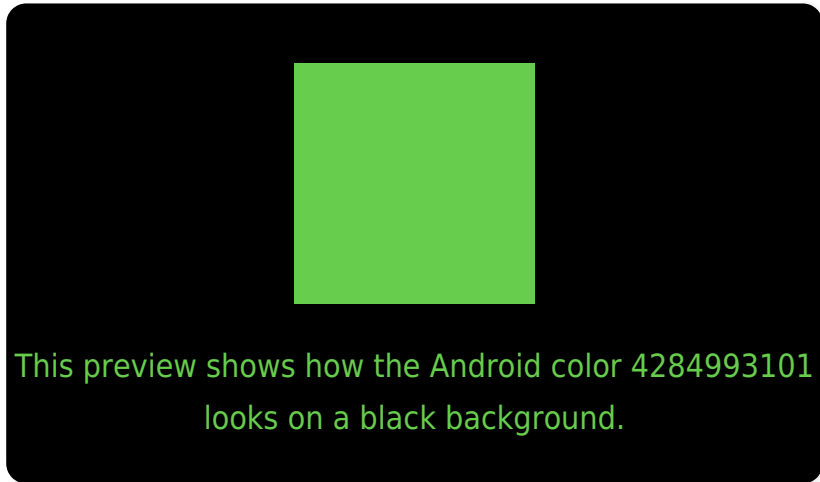
Large Text (above 18pt) WCAG AA × Fail

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 4284993101 Background



This preview shows how black text looks on a background with the Android color 4284993101.



This preview shows how white text looks on a background with the Android color 4284993101.

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



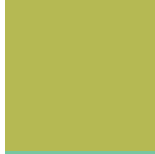
Trichromacy



Original Color
4284993101



Protanomaly
4289183561



Deuteranomaly
4290099539

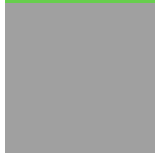


Tritanomaly
4286039712

Monochromacy



Original Color
4284993101



Achromatopsia
4288716960



Achromatomaly
4287345026

CSS Examples

Text

The CSS property to change the color of the text to Android 4284993101 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(103, 206, 77)` looks like.

```
.text, #text, p{  
    color:rgb(103, 206, 77)  
}
```

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(103, 206, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 206, 77) }
```

Border

The CSS property to change the border of an element to Android 4284993101 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(103, 206, 77) }
```

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

```
.border{ border-color:rgb(103, 206, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 206, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 206, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 206, 77);  
box-shadow:4px 4px 4px 4px rgb(103, 206,  
77) }
```

Background

The CSS property to change the background color of an element to Android 4284993101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 206, 77) }
```

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

```
.background{ background-color: rgb(103,  
206, 77) }
```

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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