

Converting Colors

Android(4286534049)

Have a look what the booklet for
Android(4286534049) contains.

Android(4286534049)	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(4286534049)

Conversions

Conversions Part 1

Format	Color
Hex	7F51A1
RGB	127, 81, 161
RGB Percent	50%, 32%, 63%
CMY	0.5020, 0.6824, 0.3686
CMYK	0.21, 0.50, 0.00, 0.37
HSL	274°, 33%, 47%
HSV	274°, 50%, 63%
XYZ	18.1278, 12.9701, 35.2662
YIQ	103.8740, 1.7360, 34.6320

Conversions

Conversions Part 2

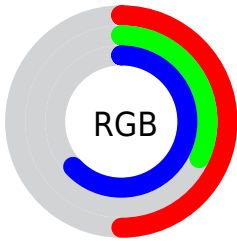
Format	Color
R_{YB}	127, 81, 161
Decimal	8343969
CIE _{Lab}	42.72, 34.71, -36.11
CIE _{LCh}	43, 50.092, 313.870
Yxy	12.9701, 0.2732, 0.1954
Android (android.graphics.Color)	4286534049 (0xFF7F51A1)
YUV	103.8740, 28.1631, 20.2815
Hunter-Lab	36.0140, 26.8244, -32.8491

Details

The Android color `4286534049` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4285768017`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4290086104`, and `4283113837` is the 20% darker color. If you saturate the color by 10%, you get `4286071201`, and if you desaturate by 10%, it is `4286996897`.

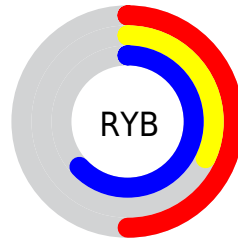
Distribution



Red (50%)

Green (32%)

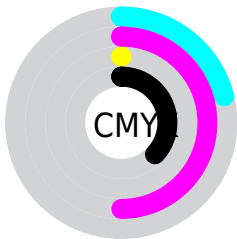
Blue (63%)



Red (50%)

Yellow (32%)

Blue (63%)

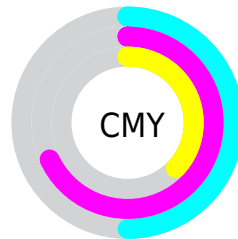


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (37%)



Cyan (50%)

Magenta (68%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286534049 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 4286534049 by changing the saturation by 10% instead.

 4286534049

 4286534049

4294967295

 4284823943

 4290086104

 4283113837

 4291993333

 4281469268

 4293835263

 4280025149

 4294956543

 4278190118

 4294963967

 4278190351

 4278190080

 4286534049

 4286534049

 4286071201

 4286996897

4285608353

4287459745

4285145505

4287922593

4284748193

4288319905

4284285089

4288783009

4289245857

4289708705

4290171553

4290634401

Harmonies

Analogous

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



4281426870



4286534049



4288954493

Triad

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



4286534049



4287322890



4278220919

Complementary

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



4286534049



4285768017

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.



4278220620



4286534049



4284967169

Square

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



4286534049



4289022253



4281823780



4278220445

Rectangle

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



4286534049



4289608545



4281823780



4278220905

Sweetspot

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



4286534049



4291080913



4283528353



4284569193



4293454056



4285098345

Same Dimension

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



4286534049



4288435409



4288762268



4283320658



4283695249



4278845458

Inverse Universe

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



4288762227



4291908745



4283539798



4283582797



4287692862



4279369736

Previews

White Background



This preview shows how the Android color 4286534049 looks on a white background.

Color Contrast Check

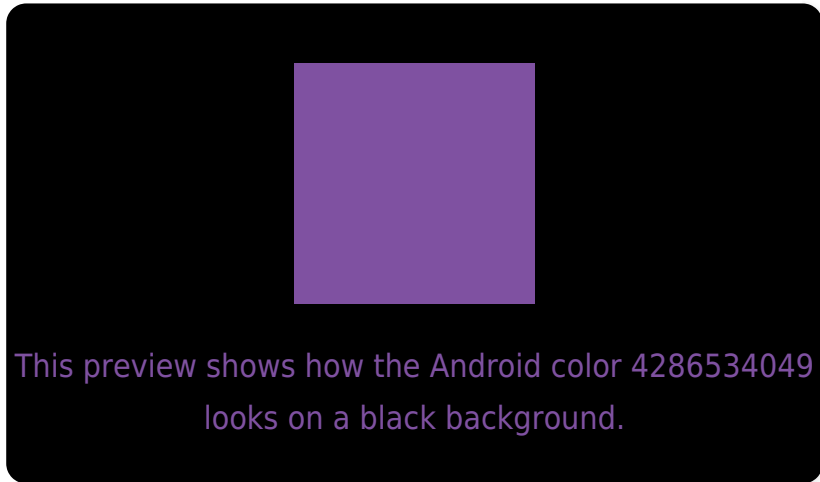
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4286534049 Background



This preview shows how black text looks on a background with the Android color 4286534049.




This preview shows how white text looks on a background with the Android color 4286534049.

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





Tritanopia
4285882214

Trichromacy



Original Color
4286534049

Protanomaly
4283980971

Deuteranomaly
4284243614

Tritanomaly
4286143099

Monochromacy



Original Color
4286534049

Achromatopsia
4285032552

Achromatomaly
4285554813

CSS Examples

Text

The CSS property to change the color of the text to Android 4286534049 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(127, 81, 161)` looks like.

```
.text, #text, p{  
    color:rgb(127, 81, 161)  
}
```

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(127, 81, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 81, 161) }
```

Border

The CSS property to change the border of an element to Android 4286534049 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(127, 81, 161) }
```

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

```
.border{ border-color:rgb(127, 81, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 81, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 81, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 81, 161);  
box-shadow:4px 4px 4px 4px rgb(127, 81,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4286534049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 81, 161) }
```

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

```
.background{ background-color: rgb(127, 81,  
161) }
```

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