

Converting Colors

Android(4287065049)

Have a look what the booklet for
Android(4287065049) contains.

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Color

Android(4287065049)

Conversions

Conversions Part 1

Format	Color
Hex	876BD9
RGB	135, 107, 217
RGB Percent	53%, 42%, 85%
CMY	0.4706, 0.5804, 0.1490
CMYK	0.38, 0.51, 0.00, 0.15
HSL	255°, 59%, 64%
HSV	255°, 51%, 85%
XYZ	27.7738, 20.6760, 68.1727
YIQ	127.9120, -18.6220, 40.1460

Conversions

Conversions Part 2

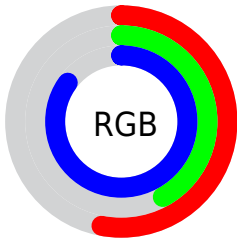
Format	Color
RYB	135, 107, 217
Decimal	8874969
CIELab	52.59, 36.13, -52.83
CIELCh	53, 64.009, 304.369
Yxy	20.6760, 0.2382, 0.1773
Android (android.graphics.Color)	4287065049 (0xFF876BD9)
YUV	127.9120, 43.9204, 6.2162
Hunter-Lab	45.4709, 29.4542, -57.0614

Details

The Android color `4287065049` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4290632043`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4290813951`, and `4283382689` is the 20% darker color. If you saturate the color by 10%, you get `4286010841`, and if you desaturate by 10%, it is `4288119257`.

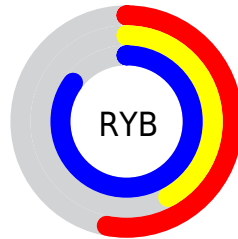
Distribution



Red (53%)

Green (42%)

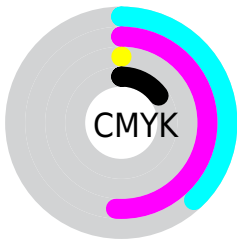
Blue (85%)



Red (53%)

Yellow (42%)

Blue (85%)

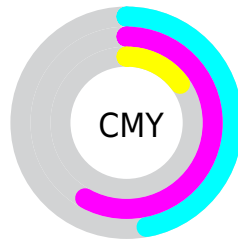


Cyan (38%)

Magenta (51%)

Yellow (0%)

Black (15%)



Cyan (47%)
















Magenta (58%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287065049 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 4287065049 by changing the saturation by 10% instead.

 4287065049	 4287065049
4294967295	 4285223613
 4290813951	 4283382689
 4292721407	 4281541767
 4294629119	 4279111277
 4294964223	 4278190164
	 4278190652
	 4278190629
	 4278190349
	 4278190080

■ 4287065049

■ 4287065049

■ 4286010841

■ 4288119257

■ 4284956889

■ 4289173209

■ 4283837145

■ 4290292953

■ 4282782937

■ 4291347161

■ 4281794777

■ 4292401369

■ 4293455321

■ 4294508505

■ 4294967257

Harmonies

Analogous

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



4278223596



4287065049



4291121326

Triad

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



4287065049



4290537741



4278228612

Complementary

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



4287065049



4290632043

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.



4278227787



4287065049



4287659520

Square

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



4287065049



4292366147



4283862033



4278228666

Rectangle

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



4287065049



4292428682



4283862033



4278228593

Sweetspot

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



4287065049



4293057023



4285251289



4285426048



4278190080



4286611584

Same Dimension

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



4287065049



4287325183



4290669529



4284834670



4281073837



4278976558

Inverse Universe

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



4292438973



4294927319



4287027563



4285424491



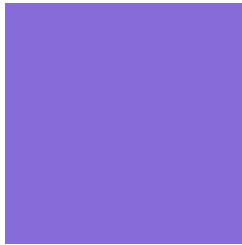
4289527937



4281204770

Previews

White Background



This preview shows how the Android color 4287065049 looks on a white background.

Color Contrast Check

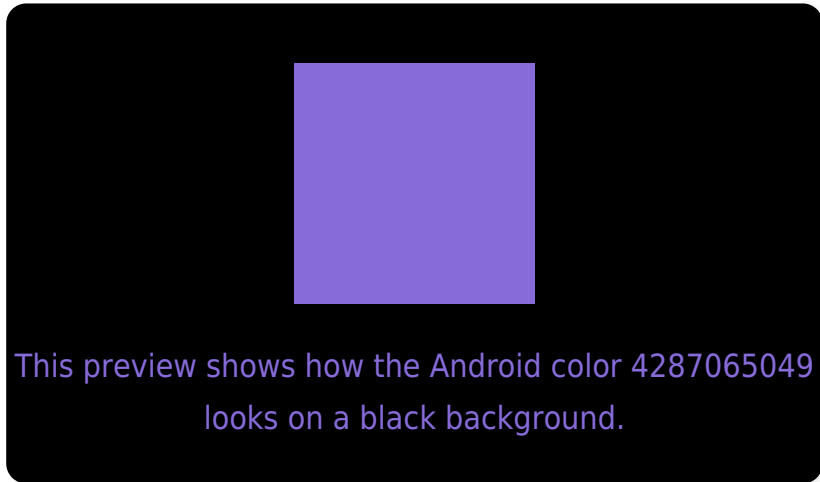
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287065049 Background



This preview shows how black text looks on a background with the Android color 4287065049.

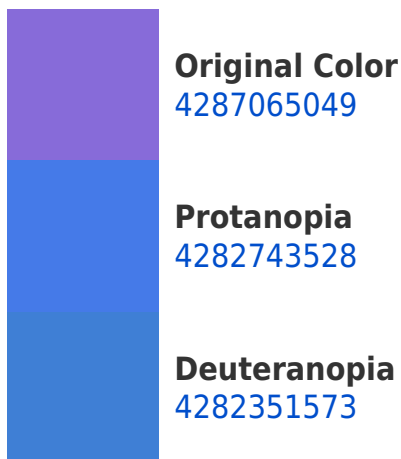


This preview shows how white text looks on a background with the Android color 4287065049.

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
4287065049

Protanomaly
4284315107

Deuteranomaly
4284053718

Tritanomaly
4286347430

Monochromacy



Original Color
4287065049

Achromatopsia
4286611584

Achromatomaly
4286806176

CSS Examples

Text

The CSS property to change the color of the text to Android 4287065049 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(135, 107, 217)` looks like.

```
.text, #text, p{  
    color:rgb(135, 107, 217)  
}
```

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(135, 107, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 107, 217) }
```

Border

The CSS property to change the border of an element to Android 4287065049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

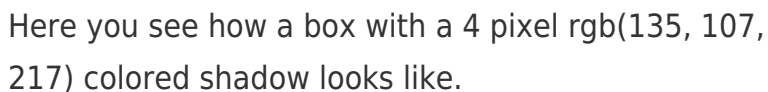
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 107, 217) }
```

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

```
.border{ border-color:rgb(135, 107, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 107, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 107, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 107, 217); box-shadow:4px 4px 4px 4px rgb(135, 107, 217) }
```

Background

The CSS property to change the background color of an element to Android 4287065049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 107, 217) }
```

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

```
.background{ background-color: rgb(135,  
107, 217) }
```

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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