

Converting Colors

Android(4279974349)

Have a look what the booklet for
Android(4279974349) contains.

Android(4279974349)	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(4279974349)

Conversions

Conversions Part 1

Format	Color
Hex	1B39CD
RGB	27, 57, 205
RGB Percent	11%, 22%, 80%
CMY	0.8941, 0.7765, 0.1961
CMYK	0.87, 0.72, 0.00, 0.20
HSL	230°, 77%, 45%
HSV	230°, 87%, 80%
XYZ	12.9346, 7.5670, 58.5365
YIQ	64.9020, -65.3880, 39.6680

Conversions

Conversions Part 2

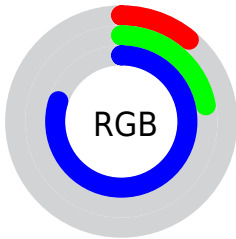
Format	Color
R_{YB}	27, 53, 205
Decimal	1784269
CIE _{Lab}	33.06, 45.70, -78.03
CIE _{LCh}	33, 90.427, 300.355
Yxy	7.5670, 0.1636, 0.0957
Android (android.graphics.Color)	4279974349 (0xFF1B39CD)
YUV	64.9020, 69.0683, -33.2401
Hunter-Lab	27.5083, 35.7924, -106.9109

Details

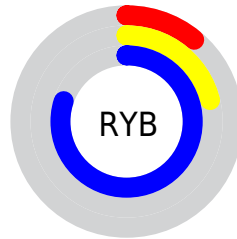
The Android color `4279974349` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291669787`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4285360639`, and `4278193813` is the 20% darker color. If you saturate the color by 10%, you get `4278593741`, and if you desaturate by 10%, it is `4281289421`.

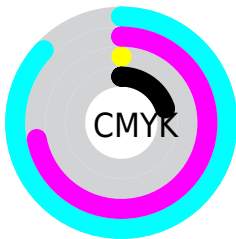
Distribution



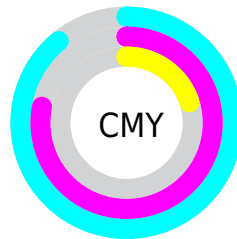
- Red (11%)
- Green (22%)
- Blue (80%)



- Red (11%)
- Yellow (21%)
- Blue (80%)



- Cyan (87%)
- Magenta (72%)
- Yellow (0%)
- Black (20%)



- Cyan (89%)
- Magenta (78%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279974349 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 4279974349 by changing the saturation by 10% instead.

 4279974349

 4279974349

4294967295

 4278199217

 4285360639

 4278193813

 4287464191

 4278190203

 4289502719

 4278190945

 4291541247

 4278192200

 4293579775

 4278191152

 4294963455

 4278190362

 4278190080

 4279974349

 4279974349

■ 4278593741

■ 4281289421

■ 4278199245

■ 4282670029

■ 4283985101

■ 4285365709

■ 4286746317

■ 4288061389

■ 4289441997

■ 4290757069

■ 4292072141

Harmonies

Analogous

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



4278213346



4279974349



4288479382

Triad

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



4279974349



4287898624



4278216269

Complementary

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



4279974349



4291669787

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.



4278215424



4279974349



4284435456

Square

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



4279974349



4290248715



4278213888



4278216598

Rectangle

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



4279974349



4290314344



4278213888



4278215987

Sweetspot

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



4279974349



4290627839



4280012204



4283981696



4278190080



4286611584

Same Dimension

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



4279974349



4278201343



4283636685



4284243558



4278197414



4278191654

Inverse Universe

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



4291631929



4294901803



4288007451



4284898398



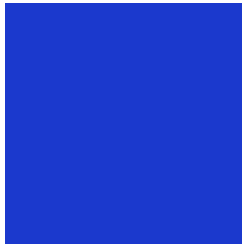
4289069084



4280680454

Previews

White Background



This preview shows how the Android color 4279974349 looks on a white background.

Color Contrast Check

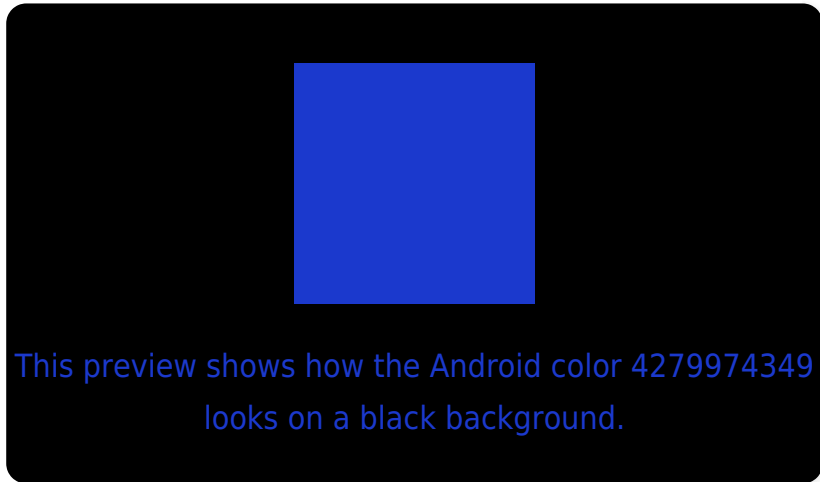
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

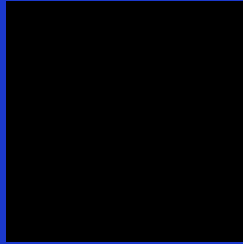
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4279974349 Background



This preview shows how black text looks on a background with the Android color 4279974349.



This preview shows how white text looks on a background with the Android color 4279974349.

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

4279974349

Protanopia

4278209437

Deuteranopia

4278210694

Trichromacy



Original Color
4279974349

Protanomaly
4278863022

Deuteranomaly
4278864032

Tritanomaly
4278864772

Monochromacy



Original Color
4279974349

Achromatopsia
4282466625

Achromatomaly
4281548404

CSS Examples

Text

The CSS property to change the color of the text to Android 4279974349 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(27, 57, 205)` looks like.

```
.text, #text, p{  
    color:rgb(27, 57, 205)  
}
```

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(27, 57, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 57, 205) }
```

Border

The CSS property to change the border of an element to Android 4279974349 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(27, 57, 205) }
```

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

```
.border{ border-color:rgb(27, 57, 205) }
```

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

Here you see how a box with a 4 pixel rgb(27, 57, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 57, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 57, 205);  
box-shadow:4px 4px 4px 4px rgb(27, 57,  
205) }
```

Background

The CSS property to change the background color of an element to Android 4279974349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 57, 205) }
```

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

```
.background{ background-color: rgb(27, 57,  
205) }
```

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