

Converting Colors

Android(4280834249)

Have a look what the booklet for
Android(4280834249) contains.

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Color

Android(4280834249)

Conversions

Conversions Part 1

Format	Color
Hex	2858C9
RGB	40, 88, 201
RGB Percent	16%, 35%, 79%
CMY	0.8431, 0.6549, 0.2118
CMYK	0.80, 0.56, 0.00, 0.21
HSL	222°, 67%, 47%
HSV	222°, 80%, 79%
XYZ	14.9074, 11.6476, 56.7208
YIQ	86.5300, -64.8810, 24.9670

Conversions

Conversions Part 2

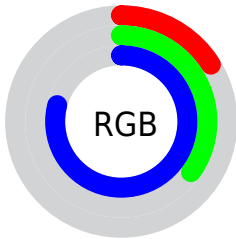
Format	Color
RYB	40, 77, 201
Decimal	2644169
CIELab	40.65, 25.46, -63.25
CIELCh	41, 68.184, 291.927
Yxy	11.6476, 0.1790, 0.1399
Android (android.graphics.Color)	4280834249 (0xFF2858C9)
YUV	86.5300, 56.4337, -40.8068
Hunter-Lab	34.1286, 18.2440, -74.6484

Details

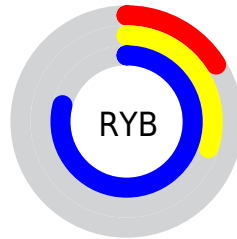
The Android color `4280834249` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted blue. A complement of this color would be `4291402024`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285565439`, and `4278201490` is the 20% darker color. If you saturate the color by 10%, you get `4279519945`, and if you desaturate by 10%, it is `4282148553`.

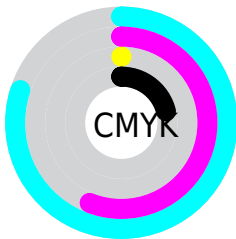
Distribution



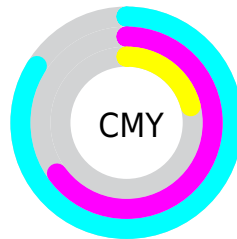
- Red (16%)
- Green (35%)
- Blue (79%)



- Red (16%)
- Yellow (30%)
- Blue (79%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (21%)



- Cyan (84%)
- Magenta (65%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280834249 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 4280834249 by changing the saturation by 10% instead.

 4280834249

 4280834249

4294967295

 4278206893

 4285565439

 4278201490

 4287538175

 4278196599

 4289511167

 4278190174

 4291549951

 4278192197

 4293523199

 4278191150

 4278190360

 4278190080

 4280834249

 4280834249

■ 4279519945

■ 4282148553

■ 4278205641

■ 4283462857

■ 4284777161

■ 4286091465

■ 4287471561

■ 4288785865

■ 4290100169

■ 4291414473

■ 4292728777

Harmonies

Analogous

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



4278217936



4280834249



4287772838

Triad

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



4280834249



4289215744



4278220366

Complementary

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



4280834249



4291402024

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.



4278219277



4280834249



4286732288

Square

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



4280834249



4290581306



4283328768



4278220680

Rectangle

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



4280834249



4289731204



4283328768



4278220091

Sweetspot

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



4280834249



4290958591



4280863129



4284180096



4278190080



4286611584

Same Dimension

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



4280834249



4278866943



4282919113



4284111971



4278202787



4278192932

Inverse Universe

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



4291373144



4294904403



4289317160



4284701276



4288872497



4280549387

Previews

White Background



This preview shows how the Android color 4280834249 looks on a white background.

Color Contrast Check

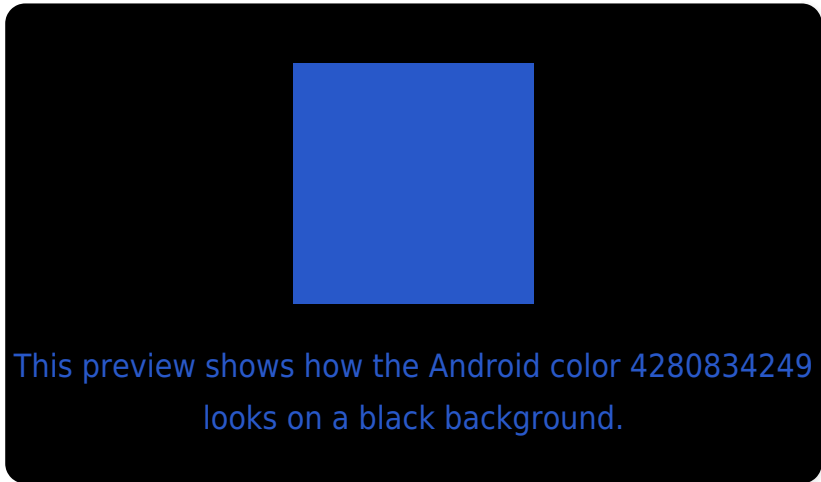
Large Text (above 18pt) WCAG AA ✓ Pass

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

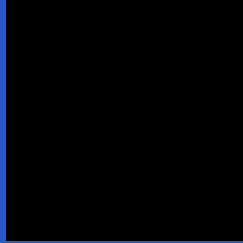
Any Text WCAG AA × Fail

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 4280834249 Background



This preview shows how black text looks on a background with the Android color 4280834249.



This preview shows how white text looks on a background with the Android color 4280834249.

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

4280834249

Protanopia

4278213827

Deuteranopia

4278215336

Trichromacy



Original Color
4280834249

Protanomaly
4279196613

Deuteranomaly
4279197364

Tritanomaly
4279198609

Monochromacy



Original Color
4280834249

Achromatopsia
4283914071

Achromatomaly
4282800000

CSS Examples

Text

The CSS property to change the color of the text to Android 4280834249 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(40, 88, 201)` looks like.

```
.text, #text, p{  
    color:rgb(40, 88, 201)  
}
```

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(40, 88, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 88, 201) }
```

Border

The CSS property to change the border of an element to Android 4280834249 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(40, 88, 201) }
```

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

```
.border{ border-color:rgb(40, 88, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 88, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 88, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 88, 201);  
box-shadow:4px 4px 4px 4px rgb(40, 88,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4280834249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 88, 201) }
```

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

```
.background{ background-color: rgb(40, 88,  
201) }
```

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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