

Converting Colors

Android(4280031474)

Have a look what the booklet for
Android(4280031474) contains.

Android(4280031474)	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(4280031474)

Conversions

Conversions Part 1

Format	Color
Hex	1C18F2
RGB	28, 24, 242
RGB Percent	11%, 9%, 95%
CMY	0.8902, 0.9059, 0.0510
CMYK	0.88, 0.90, 0.00, 0.05
HSL	241°, 89%, 52%
HSV	241°, 90%, 95%
XYZ	16.8325, 7.3109, 84.5284
YIQ	50.0480, -67.5940, 68.6460

Conversions

Conversions Part 2

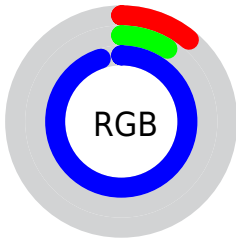
Format	Color
R_{YB}	28, 24, 242
Decimal	1841394
CIE Lab	32.50, 71.71, -100.18
CIE LCh	33, 123.207, 305.595
Yxy	7.3109, 0.1549, 0.0673
Android (android.graphics.Color)	4280031474 (0xFF1C18F2)
YUV	50.0480, 94.6323, -19.3361
Hunter-Lab	27.0388, 63.8044, -166.4248

Details

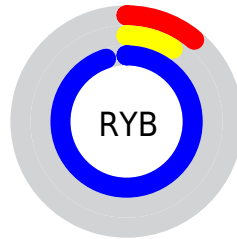
The Android color `4280031474` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark washed blue. A complement of this color would be `4293849624`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4286206207`, and `4278190264` is the 20% darker color. If you saturate the color by 10%, you get `4278452466`, and if you desaturate by 10%, it is `4281610482`.

Distribution



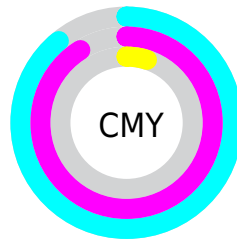
- Red (11%)
- Green (9%)
- Blue (95%)



- Red (11%)
- Yellow (9%)
- Blue (95%)



- Cyan (88%)
- Magenta (90%)
- Yellow (0%)
- Black (5%)





















- Cyan (89%)
- Magenta (91%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280031474 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 4280031474 by changing the saturation by 10% instead.

 4280031474	 4280031474
4294967295	 4278190293
 4286206207	 4278190264
 4288506879	 4278190236
 4290676479	 4278190209
 4292846335	 4278194278
 4294950655	 4278192717
 4294957823	 4278191413
 4294965247	 4278190623
	 4278190083

■ 4280031474

■ 4280031474

■ 4278452466

■ 4281610482

■ 4283189490

■ 4284703218

■ 4286282226

■ 4287861234

■ 4289440242

■ 4290953714

■ 4292532978

■ 4294111986

Harmonies

Analogous

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



4278213887



4280031474



4290904224

Triad

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



4280031474



4288222464



4278216798

Complementary

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



4280031474



4293849624

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.



4278215936



4280031474



4283322368

Square

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



4280031474



4291690496



4278214656



4278217920

Rectangle

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



4280031474



4292739168



4278214656



4278216507

Sweetspot

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



4280031474



4290493183



4279824114



4283914112



4278190080



4286611584

Same Dimension

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



4280031474



4278518015



4287174898



4285295736



4278386872



4278255672

Inverse Universe

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



4294056174



4294902010



4286706200



4286082168



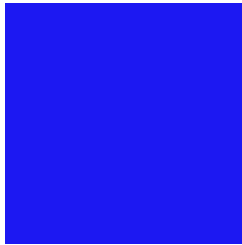
4290248884



4281860151

Previews

White Background



This preview shows how the Android color 4280031474 looks on a white background.

Color Contrast Check

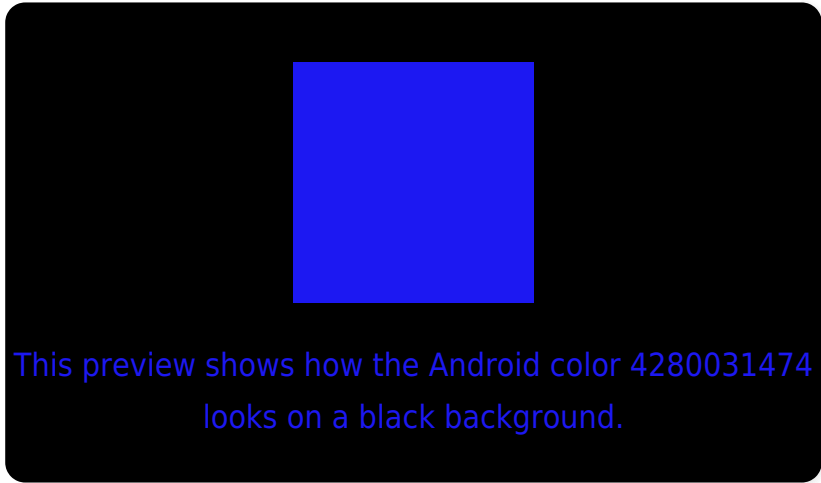
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280031474 Background



This preview shows how black text looks on a background with the Android color 4280031474.



This preview shows how white text looks on a background with the Android color 4280031474.

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
4280031474

Protanopia
4278208922

Deuteranopia
4278210178

Trichromacy



Original Color

4280031474

Protanomaly

4278859706

Deuteranomaly

4278860459

Tritanomaly

4278861712

Monochromacy



Original Color

4280031474

Achromatopsia

4281479730

Achromatomaly

4280953208

CSS Examples

Text

The CSS property to change the color of the text to Android 4280031474 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(28, 24, 242)` looks like.

```
.text, #text, p{  
    color:rgb(28, 24, 242)  
}
```

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(28, 24, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 24, 242) }
```

Border

The CSS property to change the border of an element to Android 4280031474 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(28, 24, 242) }
```

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

```
.border{ border-color:rgb(28, 24, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 24, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 24, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 24, 242);  
box-shadow:4px 4px 4px 4px rgb(28, 24,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4280031474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 24, 242) }
```

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

```
.background{ background-color: rgb(28, 24,  
242) }
```

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