

Converting Colors

Android(4280418234)

Have a look what the booklet for
Android(4280418234) contains.

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Color

Android(4280418234)

Conversions

Conversions Part 1

Format	Color
Hex	21FFBA
RGB	33, 255, 186
RGB Percent	13%, 100%, 73%
CMY	0.8706, 0.0000, 0.2706
CMYK	0.87, 0.00, 0.27, 0.00
HSL	161°, 100%, 56%
HSV	161°, 87%, 100%
XYZ	45.2501, 75.3885, 58.6209
YIQ	180.7560, -110.1630, -68.5230

Conversions

Conversions Part 2

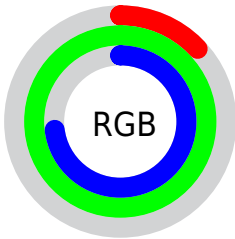
Format	Color
RYB	33, 164, 255
Decimal	2228154
CIELab	89.57, -64.64, 19.32
CIELCh	90, 67.471, 163.358
Yxy	75.3885, 0.2524, 0.4206
Android (android.graphics.Color)	4280418234 (0xFF21FFBA)
YUV	180.7560, 2.5853, -129.5820
Hunter-Lab	86.8266, -58.9202, 20.7490

Details

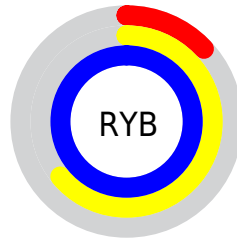
The Android color `4280418234` is a light color, and the websafe version is hex `00FFCC`. The color can be described as light washed spring green. A complement of this color would be `4294910310`, and the grayscale version is `4290098613`.

A 20% lighter version of the original color is `4286316530`, and `4278240645` is the 20% darker color. If you saturate the color by 10%, you get `4278779826`, and if you desaturate by 10%, it is `4282056642`.

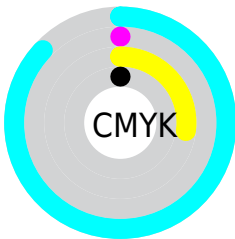
Distribution



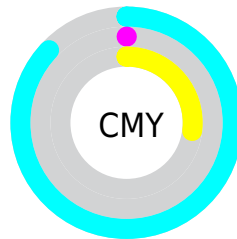
- Red (13%)
- Green (100%)
- Blue (73%)



- Red (13%)
- Yellow (64%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280418234 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 4280418234 by changing the saturation by 10% instead.



4280418234



4280418234

4294967295



4278248095



4286316530



4278240645



4288544767



4278233451



4290641919



4278226259



4292804607



4278219323

4294901759



4278212645



4278206224



4278200064



4278190080

■ 4280418234

■ 4280418234

■ 4278779826

■ 4282056642

■ 4278255536

■ 4283760586

■ 4285398994

■ 4287102938

■ 4288806882

■ 4290445290

■ 4292083697

■ 4293787641

4294967295

Harmonies

Analogous

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



4288935551



4280418234



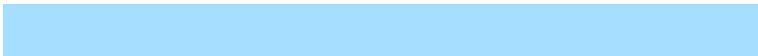
4278255613

Triad

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



4280418234



4289126143



4294949259

Complementary

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



4280418234



4294910310

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.



4294945479



4280418234



4294952447

Square

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



4280418234



4278252287



4294946815



4294955363

Rectangle

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



4280418234



4278255615



4294946815



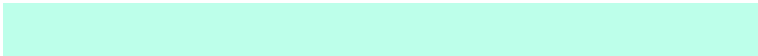
4294947486

Sweetspot

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



4280418234



4290641898



4285005601



4283990131



4278190080



4286611584

Same Dimension

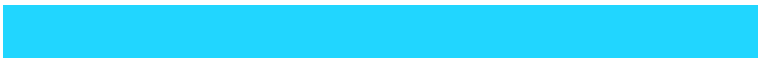
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4280418234



4278255536



4280407807



4285759612



4278239108



4278206508

Inverse Universe

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



4294910310



4294901839



4294920737



4286608247



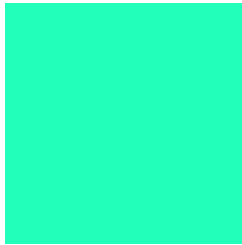
4290707515



4282384404

Previews

White Background



This preview shows how the Android color 4280418234 looks on a white background.

Color Contrast Check

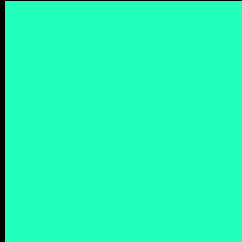
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4280418234 looks on a 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 ✓ Pass

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

Android 4280418234 Background



This preview shows how black text looks on a background with the Android color 4280418234.



This preview shows how white text looks on a background with the Android color 4280418234.

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

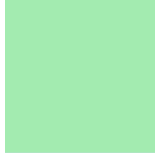


Trichromacy



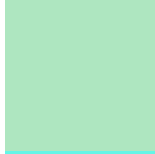
Original Color

4280418234



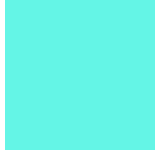
Protanomaly

4288932784



Deuteranomaly

4289652416



Tritanomaly

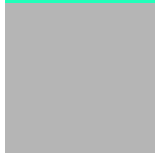
4284806630

Monochromacy



Original Color

4280418234



Achromatopsia

4290098613



Achromatomaly

4286566583

CSS Examples

Text

The CSS property to change the color of the text to Android 4280418234 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(33, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(33, 255, 186)  
}
```

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(33, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 255, 186) }
```

Border

The CSS property to change the border of an element to Android 4280418234 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(33, 255, 186) }
```

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

```
.border{ border-color:rgb(33, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(33, 255,  
186) }
```

Background

The CSS property to change the background color of an element to Android 4280418234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 255, 186) }
```

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

```
.background{ background-color: rgb(33, 255,  
186) }
```

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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