

Converting Colors

Android(4280079871)

Have a look what the booklet for
Android(4280079871) contains.

Android(4280079871)	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(4280079871)

Conversions

Conversions Part 1

Format	Color
Hex	1CD5FF
RGB	28, 213, 255
RGB Percent	11%, 84%, 100%
CMY	0.8902, 0.1647, 0.0000
CMYK	0.89, 0.16, 0.00, 0.00
HSL	191°, 100%, 55%
HSV	191°, 89%, 100%
XYZ	42.3231, 55.0554, 103.0038
YIQ	162.4730, -123.7420, -26.1580

Conversions

Conversions Part 2

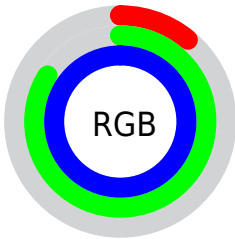
Format	Color
R _Y B	28, 130, 255
Decimal	1889791
CIE Lab	79.07, -27.99, -32.41
CIE LCh	79, 42.824, 229.193
Yxy	55.0554, 0.2112, 0.2748
Android (android.graphics.Color)	4280079871 (0xFF1CD5FF)
YUV	162.4730, 45.6158, -117.9328
Hunter-Lab	74.1993, -28.0327, -30.3671

Details

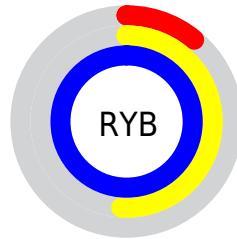
The Android color **4280079871** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **4294919708**, and the grayscale version is **4288848546**.

A 20% lighter version of the original color is **4286185471**, and **4278230726** is the 20% darker color. If you saturate the color by 10%, you get **4278440191**, and if you desaturate by 10%, it is **4281785087**.

Distribution



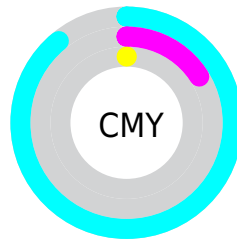
- Red (11%)
- Green (84%)
- Blue (100%)



- Red (11%)
- Yellow (51%)
- Blue (100%)



- Cyan (89%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (89%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280079871 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 4280079871 by changing the saturation by 10% instead.

 4280079871

 4280079871

4294967295

 4278237666

 4286185471

 4278230726

 4288413695

 4278224043

 4290576383

 4278217360

 4292673535

 4278211190

 4294770687

 4278205021

 4278199621

 4278191151

 4278190362

■ 4280079871

■ 4280079871

■ 4278440191

■ 4281785087

■ 4278243583

■ 4283424511

■ 4285129727

■ 4286769407

■ 4288474623

■ 4290114047

■ 4291819263

■ 4293458943

4294967295

Harmonies

Analogous

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



4280146397



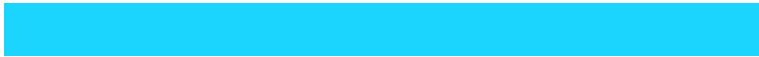
4280079871



4285517055

Triad

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



4280079871



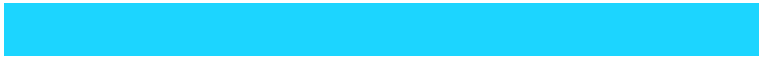
4294944468



4291086711

Complementary

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



4280079871



4294919708

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.



4293639285



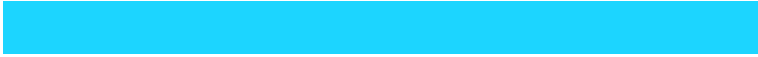
4280079871



4294944428

Square

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



4280079871



4293439736



4294946697



4288140174

Rectangle

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



4280079871



4288595199



4294946697



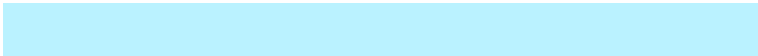
4292003188

Sweetspot

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



4280079871



4290441983



4280090438



4283922560



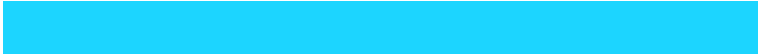
4278190080



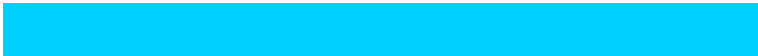
4286611584

Same Dimension

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



4280079871



4278243583



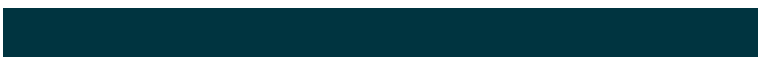
4280050943



4285758848



4278230207



4278203456

Inverse Universe

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



4294909141



4294901968



4294948636



4286608253



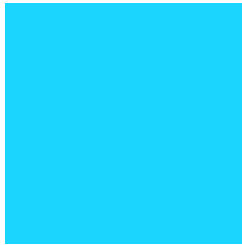
4290707612



4282384436

Previews

White Background



This preview shows how the Android color 4280079871 looks on a white background.

Color Contrast Check

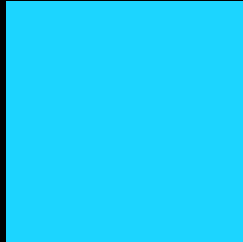
Large Text (above 18pt) WCAG AA × Fail

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 4280079871 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 4280079871 Background



This preview shows how black text looks on a background with the Android color 4280079871.



This preview shows how white text looks on a background with the Android color 4280079871.

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



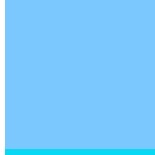
Trichromacy



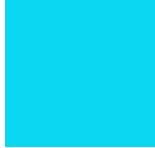
Original Color
4280079871



Protanomaly
4286564597



Deuteranomaly
4286302463

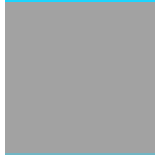


Tritanomaly
4278900721

Monochromacy



Original Color
4280079871



Achromatopsia
4288848546



Achromatomaly
4285642180

CSS Examples

Text

The CSS property to change the color of the text to Android 4280079871 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(28, 213, 255)  
}
```

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, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 213, 255) }
```

Border

The CSS property to change the border of an element to Android 4280079871 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, 213, 255) }
```

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

```
.border{ border-color:rgb(28, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(28, 213,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280079871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 213, 255) }
```

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

```
.background{ background-color: rgb(28, 213,  
255) }
```

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