

Converting Colors

Android(4281583871)

Have a look what the booklet for
Android(4281583871) contains.

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Color

Android(4281583871)

Conversions

Conversions Part 1

Format	Color
Hex	33C8FF
RGB	51, 200, 255
RGB Percent	20%, 78%, 100%
CMY	0.8000, 0.2157, 0.0000
CMYK	0.80, 0.22, 0.00, 0.00
HSL	196°, 100%, 60%
HSV	196°, 80%, 100%
XYZ	40.0695, 49.2324, 101.9987
YIQ	161.7190, -106.4590, -14.4830

Conversions

Conversions Part 2

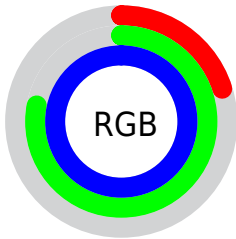
Format	Color
R _Y B	51, 137, 255
Decimal	3393791
CIE Lab	75.60, -19.90, -37.77
CIE LCh	76, 42.690, 242.219
Yxy	49.2324, 0.2095, 0.2574
Android (android.graphics.Color)	4281583871 (0xFF33C8FF)
YUV	161.7190, 45.9875, -97.1006
Hunter-Lab	70.1658, -20.8542, -37.0727

Details

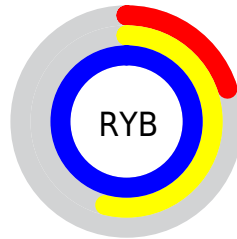
The Android color `4281583871` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294928947`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4286709759`, and `4278227654` is the 20% darker color. If you saturate the color by 10%, you get `4279878143`, and if you desaturate by 10%, it is `4283289599`.

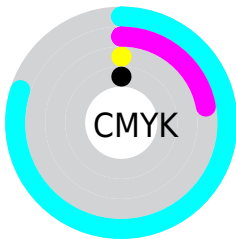
Distribution



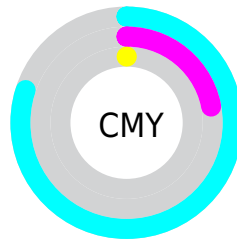
- Red (20%)
- Green (78%)
- Blue (100%)



- Red (20%)
- Yellow (54%)
- Blue (100%)



- Cyan (80%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)


















- Cyan (80%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281583871 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 4281583871 by changing the saturation by 10% instead.

 4281583871	 4281583871
4294967295	 4278234594
 4286709759	 4278227654
 4288872447	 4278220971
 4290969599	 4278214544
 4293001215	 4278208630
	 4278202717
	 4278197829
	 4278191150
	 4278190361

■ 4281583871

■ 4281583871

■ 4279878143

■ 4283289599

■ 4278237951

■ 4284929791

■ 4286635519

■ 4288275455

■ 4289981183

■ 4291621375

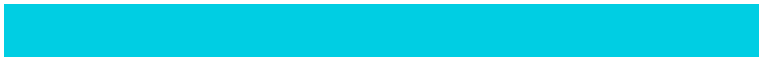
■ 4293327103

4294967295

Harmonies

Analogous

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



4278243043



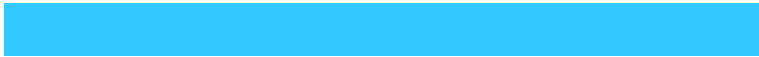
4281583871



4286889471

Triad

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



4281583871



4294941625



4289250422

Complementary

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



4281583871



4294928947

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.



4291934571



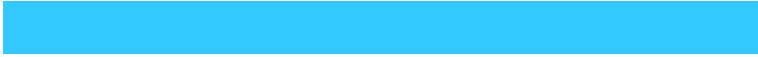
4281583871



4294942610

Square

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



4281583871



4293829344



4294028149



4286106772

Rectangle

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



4281583871



4289705215



4294028149



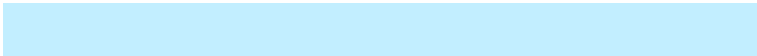
4290167152

Sweetspot

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



4281583871



4290965247



4281597801



4284184192



4278190080



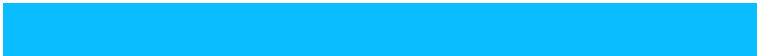
4286611584

Same Dimension

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



4281583871



4278894079



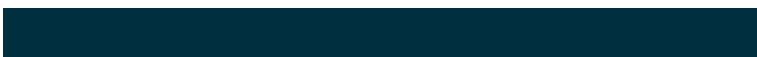
4281558015



4285758592



4278226111



4278202176

Inverse Universe

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



4294915016



4294904509



4294954803



4286608252



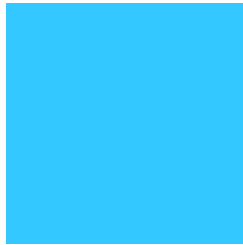
4290707596



4282384431

Previews

White Background



This preview shows how the Android color 4281583871 looks on a white background.

Color Contrast Check

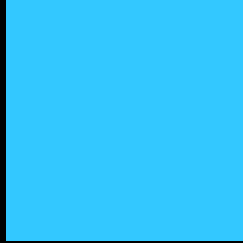
Large Text (above 18pt) WCAG AA × Fail

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 4281583871 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

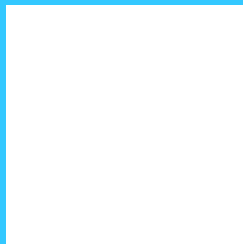
Any Text WCAG AAA ✓ Pass

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

Android 4281583871 Background



This preview shows how black text looks on a background with the Android color 4281583871.

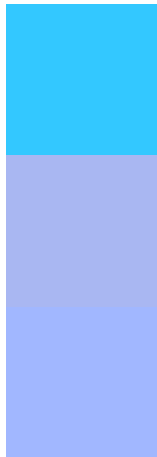


This preview shows how white text looks on a background with the Android color 4281583871.

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](#).

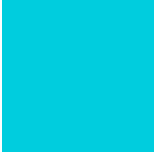
Dichromacy



Original Color
4281583871

Protanopia
4289312754

Deuteranopia
4288788479



Tritanopia
4278242782

Trichromacy



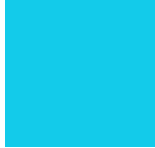
Original Color
4281583871



Protanomaly
4286496247



Deuteranomaly
4286168575



Tritanomaly
4279487466

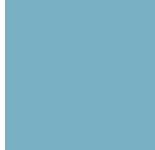
Monochromacy



Original Color
4281583871



Achromatopsia
4288848546



Achromatomaly
4286230724

CSS Examples

Text

The CSS property to change the color of the text to Android 4281583871 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(51, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 200, 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(51, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 200, 255) }
```

Border

The CSS property to change the border of an element to Android 4281583871 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(51, 200, 255) }
```

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

```
.border{ border-color:rgb(51, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 200,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4281583871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 200, 255) }
```

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

```
.background{ background-color: rgb(51, 200,  
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](#).

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