

Converting Colors

Android(4281189879)

Have a look what the booklet for
Android(4281189879) contains.

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Color

Android(4281189879)

Conversions

Conversions Part 1

Format	Color
Hex	2DC5F7
RGB	45, 197, 247
RGB Percent	18%, 77%, 97%
CMY	0.8235, 0.2275, 0.0314
CMYK	0.82, 0.20, 0.00, 0.03
HSL	195°, 93%, 57%
HSV	195°, 82%, 97%
XYZ	37.8369, 47.2058, 95.1131
YIQ	157.2520, -106.6420, -16.6740

Conversions

Conversions Part 2

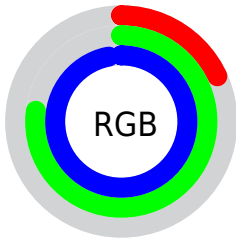
Format	Color
RYB	45, 132, 247
Decimal	2999799
CIELab	74.32, -21.50, -35.46
CIELCh	74, 41.469, 238.770
Yxy	47.2058, 0.2100, 0.2620
Android (android.graphics.Color)	4281189879 (0xFF2DC5F7)
YUV	157.2520, 44.2458, -98.4450
Hunter-Lab	68.7065, -21.9356, -33.9830

Details

The Android color **4281189879** 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 **4294401837**, and the grayscale version is **4288519581**.

A 20% lighter version of the original color is **4286447359**, and **4278226878** is the 20% darker color. If you saturate the color by 10%, you get **4279549943**, and if you desaturate by 10%, it is **4282829815**.

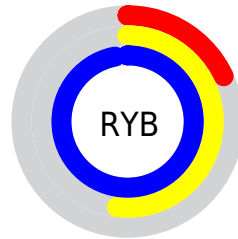
Distribution



Red (18%)

Green (77%)

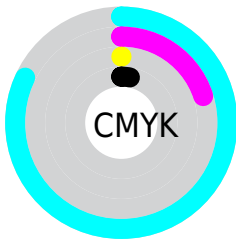
Blue (97%)



Red (18%)

Yellow (52%)

Blue (97%)

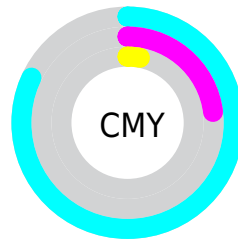


Cyan (82%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (82%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281189879 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 4281189879 by changing the saturation by 10% instead.



4281189879



4281189879

4294967295



4278233818



4286447359



4278226878



4288544767



4278220195



4290641919



4278214025



4292739071



4278207855



4294770687



4278201942



4278197055



4278190889



4278190354

■ 4281189879

■ 4281189879

■ 4279549943

■ 4282829815

■ 4278237943

■ 4284404215

■ 4286044151

■ 4287684087

■ 4289324279

■ 4290898679

■ 4292538615

■ 4294178551

■ 4294966519

Harmonies

Analogous

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



4278242010



4281189879



4286299135

Triad

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



4281189879



4294810042



4289380210

Complementary

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



4281189879



4294401837

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.



4291933290



4281189879



4294941844

Square

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



4281189879



4293239007



4293896055



4286367630

Rectangle

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



4281189879



4289114879



4293896055



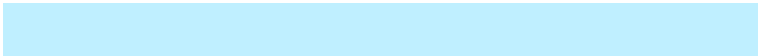
4290296941

Sweetspot

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



4281189879



4290768895



4281202524



4284053120



4278190080



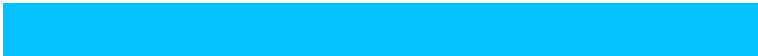
4286611584

Same Dimension

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



4281189879



4278567423



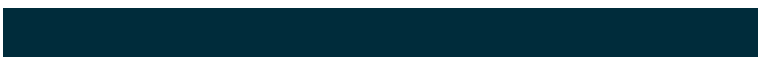
4281164791



4285429626



4278226106



4278201403

Inverse Universe

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



4294389189



4294903233



4294426925



4286213751



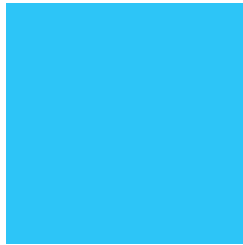
4290379916



4282056748

Previews

White Background



This preview shows how the Android color 4281189879 looks on a white background.

Color Contrast Check

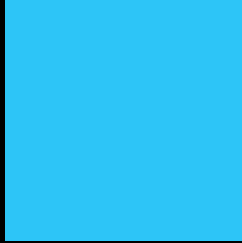
Large Text (above 18pt) WCAG AA × Fail

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 4281189879 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 4281189879 Background



This preview shows how black text looks on a background with the Android color 4281189879.



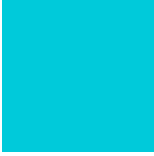
This preview shows how white text looks on a background with the Android color 4281189879.

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





Tritanopia
4278242010

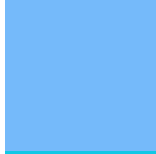
Trichromacy



Original Color
4281189879



Protanomaly
4286298863

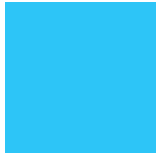


Deuteranomaly
4285905658



Tritanomaly
4279290085

Monochromacy



Original Color
4281189879



Achromatopsia
4288519581



Achromatomaly
4285836478

CSS Examples

Text

The CSS property to change the color of the text to Android 4281189879 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(45, 197, 247)` looks like.

```
.text, #text, p{  
    color:rgb(45, 197, 247)  
}
```

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(45, 197, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 197, 247) }
```

Border

The CSS property to change the border of an element to Android 4281189879 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(45, 197, 247) }
```

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

```
.border{ border-color:rgb(45, 197, 247) }
```

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

Here you see how a box with a 4 pixel rgb(45, 197, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 197, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 197, 247);  
box-shadow:4px 4px 4px 4px rgb(45, 197,  
247) }
```

Background

The CSS property to change the background color of an element to Android 4281189879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 197, 247) }
```

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

```
.background{ background-color: rgb(45, 197,  
247) }
```

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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