

Converting Colors

Android(4280985855)

Have a look what the booklet for
Android(4280985855) contains.

Android(4280985855)	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(4280985855)

Conversions

Conversions Part 1

Format	Color
Hex	2AA8FF
RGB	42, 168, 255
RGB Percent	16%, 66%, 100%
CMY	0.8353, 0.3412, 0.0000
CMYK	0.84, 0.34, 0.00, 0.00
HSL	205°, 100%, 58%
HSV	205°, 84%, 100%
XYZ	33.0075, 35.7175, 99.7622
YIQ	140.2440, -103.0230, 0.3450

Conversions

Conversions Part 2

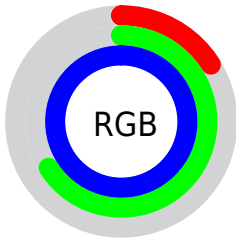
Format	Color
R _{YB}	42, 121, 255
Decimal	2795775
CIE Lab	66.30, -3.31, -52.35
CIE LCh	66, 52.454, 266.384
Yxy	35.7175, 0.1959, 0.2120
Android (android.graphics.Color)	4280985855 (0xFF2AA8FF)
YUV	140.2440, 56.5747, -86.1600
Hunter-Lab	59.7641, -6.0024, -57.1359

Details

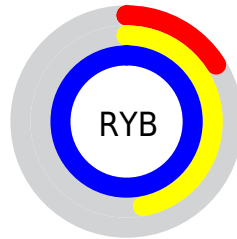
The Android color `4280985855` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294934826`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286308351`, and `4278219974` is the 20% darker color. If you saturate the color by 10%, you get `4279279359`, and if you desaturate by 10%, it is `4282626815`.

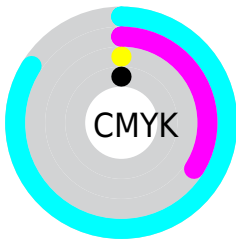
Distribution



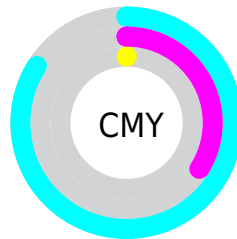
- Red (16%)
- Green (66%)
- Blue (100%)



- Red (16%)
- Yellow (47%)
- Blue (100%)



- Cyan (84%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)




















- Cyan (84%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280985855 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 4280985855 by changing the saturation by 10% instead.

 4280985855	 4280985855
 4294967295	 4278226658
 4286308351	 4278219974
 4288478207	 4278213802
 4290576383	 4278207887
 4292673535	 4278202485
 4294705151	 4278197340
	 4278191940
	 4278190892
	 4278190359

■ 4280985855

■ 4280985855

■ 4279279359

■ 4282626815

■ 4278228991

■ 4284333567

■ 4286040063

■ 4287681279

■ 4289387775

■ 4291028735

■ 4292735487

■ 4294376447

4294967295

Harmonies

Analogous

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



4278236143



4280985855



4288321526

Triad

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



4280985855



4294474874



4283937899

Complementary

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



4280985855



4294934826

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.



4287867720



4280985855



4293167955

Square

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



4280985855



4294212009



4290878783



4278237338

Rectangle

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



4280985855



4291136227



4290878783



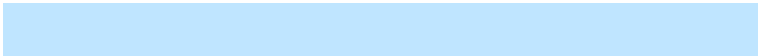
4285379165

Sweetspot

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



4280985855



4290766335



4281007999



4284051584



4278190080



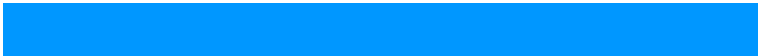
4286611584

Same Dimension

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



4280985855



4278228991



4280958975



4285758080



4278219199



4278199872

Inverse Universe

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



4294912680



4294901911



4294961706



4286608250



4290707569



4282384422

Previews

White Background



This preview shows how the Android color 4280985855 looks on a white background.

Color Contrast Check

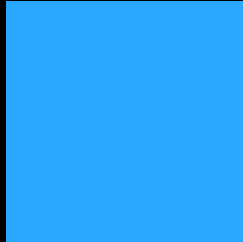
Large Text (above 18pt) WCAG AA × Fail

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 4280985855 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

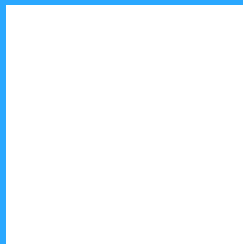
Any Text WCAG AAA ✓ Pass

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

Android 4280985855 Background



This preview shows how black text looks on a background with the Android color 4280985855.



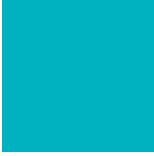
This preview shows how white text looks on a background with the Android color 4280985855.

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
4278235839

Trichromacy



Original Color
4280985855

Protanomaly
4284588537

Deuteranomaly
4283606015

Tritanomaly
4279217878

Monochromacy



Original Color
4280985855

Achromatopsia
4287401100

Achromatomaly
4285044406

CSS Examples

Text

The CSS property to change the color of the text to Android 4280985855 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(42, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(42, 168, 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(42, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 168, 255) }
```

Border

The CSS property to change the border of an element to Android 4280985855 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(42, 168, 255) }
```

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

```
.border{ border-color:rgb(42, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(42, 168,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280985855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 168, 255) }
```

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

```
.background{ background-color: rgb(42, 168,  
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