

# Converting Colors

Android(4280930303)

Have a look what the booklet for  
Android(4280930303) contains.

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# **Color**

**Android(4280930303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29CFFF
RGB	41, 207, 255
RGB Percent	16%, 81%, 100%
CMY	0.8392, 0.1882, 0.0000
CMYK	0.84, 0.19, 0.00, 0.00
HSL	193°, 100%, 58%
HSV	193°, 84%, 100%
XYZ	41.2773, 52.3171, 102.5304
YIQ	162.8380, -114.3440, -20.2640

# Conversions

## Conversions Part 2

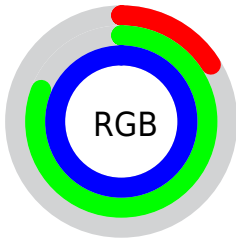
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	41, 134, 255
Decimal	2740223
CIE Lab	77.47, -24.25, -34.88
CIE LCh	77, 42.477, 235.192
Yxy	52.3171, 0.2105, 0.2668
Android (android.graphics.Color)	4280930303 (0xFF29CFFF)
YUV	162.8380, 45.4359, -106.8519
Hunter-Lab	72.3305, -24.7128, -33.4137




# Details

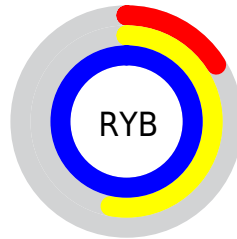
The Android color `4280930303` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294924585`, and the grayscale version is `4288848546`.


A 20% lighter version of the original color is `4286447615`, and `4278229190` is the 20% darker color. If you saturate the color by 10%, you get `4279290367`, and if you desaturate by 10%, it is `4282570239`.

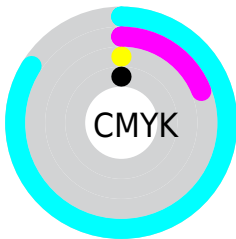
# Distribution







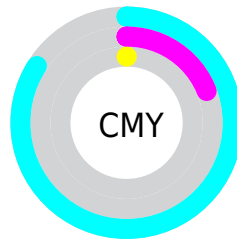
-  Red (16%)
-  Green (81%)
-  Blue (100%)






-  Red (16%)
-  Yellow (53%)
-  Blue (100%)



-  Cyan (84%)
-  Magenta (19%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (84%)
-  Magenta (19%)
-  Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280930303 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 4280930303 by changing the saturation by 10% instead.



 4280930303

 4280930303

4294967295

 4278236130

 4286447615

 4278229190

 4288610303

 4278222507

 4290772991

 4278216080

 4292870143

 4278209910

4294901759

 4278203997

 4278198853

 4278191151

 4278190361

■ 4280930303

■ 4280930303

■ 4279290367

■ 4282570239

■ 4278241023

■ 4284275455

■ 4285980927

■ 4287620863

■ 4289326335

■ 4290966015

■ 4292671487

■ 4294311423

4294967295

# Harmonies

## Analogous

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



4278244576



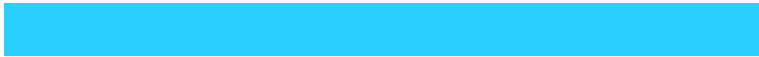
4280930303



4286236159

# Triad

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



4280930303



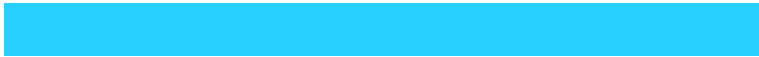
4294943175



4290234231

# Complementary

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



4280930303



4294924585

# 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.



4292852592



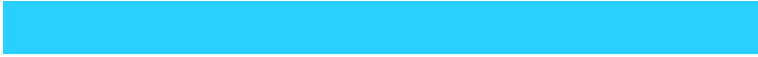
4280930303



4294943648

# Square

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



4280930303



4293634541



4294815104



4287221905

# Rectangle

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



4280930303



4289182975



4294815104

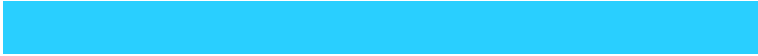


4291150706

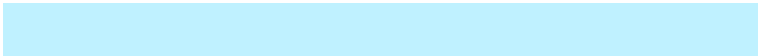


# Sweetspot

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



4280930303



4290769407



4280942423



4284053376



4278190080

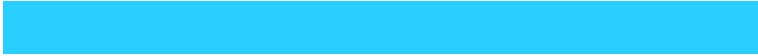


4286611584

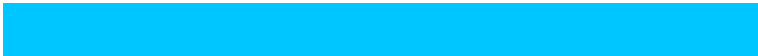


# Same Dimension

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



4280930303



4278241023



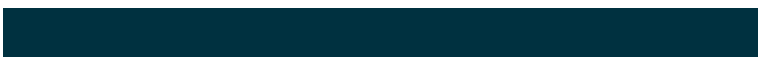
4280903423



4285758848



4278228159



4278202688



# Inverse Universe

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



4294912463



4294901958



4294951465



4286608253



4290707604

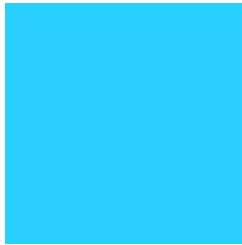


4282384433



# Previews

## White Background



This preview shows how the Android color 4280930303 looks on a white background.

## Color Contrast Check

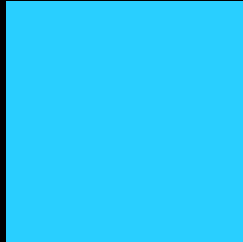
Large Text (above 18pt) WCAG AA × Fail

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 4280930303 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 4280930303 Background



This preview shows how black text looks on a background with the Android color 4280930303.



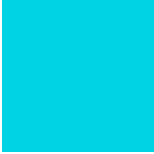
This preview shows how white text looks on a background with the Android color 4280930303.

# 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**  
4278244324

# Trichromacy



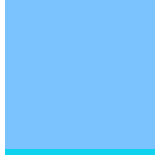
**Original Color**

4280930303



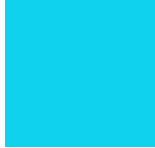
**Protanomaly**

4286563318



**Deuteranomaly**

4286301183



**Tritanomaly**

4279227118

# Monochromacy



**Original Color**

4280930303



**Achromatopsia**

4288914339



**Achromatomaly**

4286034884

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280930303 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(41, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(41, 207, 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(41, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 207, 255) }
```

## Border

The CSS property to change the border of an element to Android 4280930303 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(41, 207, 255) }
```

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

```
.border{ border-color:rgb(41, 207, 255) }
```

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

Here you see how a box with a 4 pixel rgb(41, 207, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(41, 207,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4280930303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 207, 255) }
```

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

```
.background{ background-color: rgb(41, 207,  
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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