

# Converting Colors

Android(4280921043)

Have a look what the booklet for  
Android(4280921043) contains.

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# **Color**

**Android(4280921043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29ABD3
RGB	41, 171, 211
RGB Percent	16%, 67%, 83%
CMY	0.8392, 0.3294, 0.1725
CMYK	0.81, 0.19, 0.00, 0.17
HSL	194°, 67%, 49%
HSV	194°, 81%, 83%
XYZ	27.2352, 34.3004, 66.8132
YIQ	136.6900, -90.3200, -15.1200

# Conversions

## Conversions Part 2

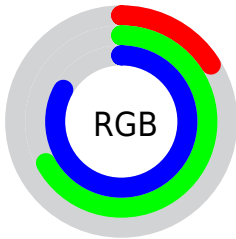
Format	Color
R <sub>Y</sub> B	41, 115, 211
Decimal	2730963
CIE Lab	65.20, -20.37, -29.95
CIE LCh	65, 36.221, 235.788
Yxy	34.3004, 0.2122, 0.2672
Android (android.graphics.Color)	4280921043 (0xFF29ABD3)
YUV	136.6900, 36.6348, -83.9201
Hunter-Lab	58.5665, -19.4835, -26.6420

# Details

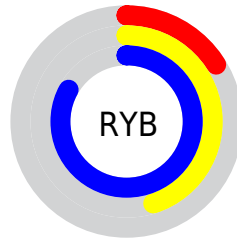
The Android color `4280921043` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4292038953`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285784831`, and `4278220700` is the 20% darker color. If you saturate the color by 10%, you get `4279543507`, and if you desaturate by 10%, it is `4282298579`.

# Distribution



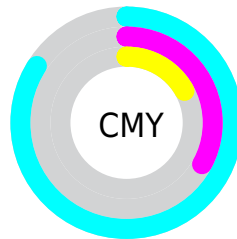
- Red (16%)
- Green (67%)
- Blue (83%)



- Red (16%)
- Yellow (45%)
- Blue (83%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)



- Cyan (84%)
- Magenta (33%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280921043 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 4280921043 by changing the saturation by 10% instead.



 4280921043

 4280921043

4294967295

 4278227127

 4285784831

 4278220700

 4287823871

 4278214274

 4289855487

 4278208105

 4291887103

 4278202192

 4293853183

 4278197561

 4278190627

 4278190091

 4278190080

■ 4280921043

■ 4280921043

■ 4279543507

■ 4282298579

■ 4278231507

■ 4283676115

■ 4285053651

■ 4286431187

■ 4287808723

■ 4289251795

■ 4290629331

■ 4292006867

■ 4293384403

# Harmonies

## Analogous

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



4279087033



4280921043



4284982238

# Triad

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



4280921043



4292445604



4288128355

# Complementary

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



4280921043



4292038953

# 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.



4290288477



4280921043



4292708228

# Square

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



4280921043



4291005635



4291858282



4285639801

# Rectangle

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



4280921043



4287339740



4291858282



4288848479

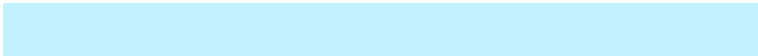


# Sweetspot

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



4280921043



4290966015



4280931153



4284184448



4278190080



4286611584

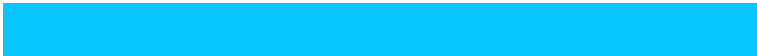


# Same Dimension

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



4280921043



4278765055



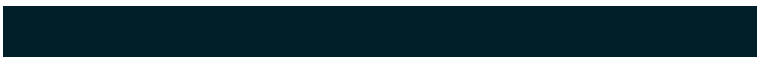
4280899283



4284376681



4278223272



4278198057



# Inverse Universe

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



4292028843



4294904005



4292060713



4285095526



4289200257



4280877087



# Previews

## White Background



This preview shows how the Android color 4280921043 looks on a white background.

## Color Contrast Check

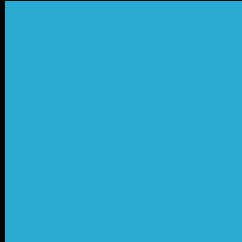
Large Text (above 18pt) WCAG AA × Fail

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 4280921043 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 4280921043 Background



This preview shows how black text looks on a background with the Android color 4280921043.



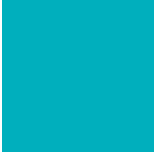
This preview shows how white text looks on a background with the Android color 4280921043.

# 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**

4280921043



**Protanomaly**

4285309388



**Deuteranomaly**

4285047254



**Tritanomaly**

4279217861

# Monochromacy



**Original Color**

4280921043



**Achromatopsia**

4287203721



**Achromatomaly**

4284913060

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280921043 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, 171, 211)` looks like.

```
.text, #text, p{  
    color:rgb(41, 171, 211)  
}
```

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, 171, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 171, 211) }
```

## Border

The CSS property to change the border of an element to Android 4280921043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

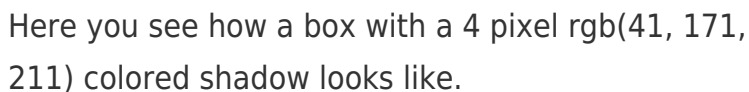
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(41, 171, 211) }
```

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

```
.border{ border-color:rgb(41, 171, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(41, 171, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(41, 171, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(41, 171, 211); box-shadow:4px 4px 4px 4px rgb(41, 171, 211) }
```

# Background

The CSS property to change the background color of an element to Android 4280921043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 171, 211) }
```

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

```
.background{ background-color: rgb(41, 171,  
211) }
```

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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