

Converting Colors

Android(4280919755)

Have a look what the booklet for
Android(4280919755) contains.

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Color

Android(4280919755)

Conversions

Conversions Part 1

Format	Color
Hex	29A6CB
RGB	41, 166, 203
RGB Percent	16%, 65%, 80%
CMY	0.8392, 0.3490, 0.2039
CMYK	0.80, 0.18, 0.00, 0.20
HSL	194°, 66%, 48%
HSV	194°, 80%, 80%
XYZ	25.3302, 32.0557, 61.3522
YIQ	132.8430, -86.3770, -14.9930

Conversions

Conversions Part 2

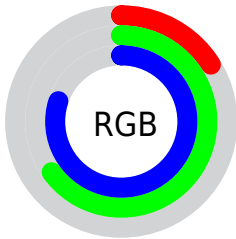
Format	Color
R _Y B	41, 112, 203
Decimal	2729675
CIE Lab	63.39, -20.43, -28.31
CIE LCh	63, 34.915, 234.187
Yxy	32.0557, 0.2133, 0.2700
Android (android.graphics.Color)	4280919755 (0xFF29A6CB)
YUV	132.8430, 34.5874, -80.5463
Hunter-Lab	56.6177, -19.2220, -24.6156

Details

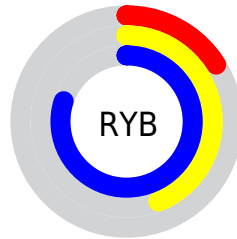
The Android color **4280919755** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **4291513897**, and the grayscale version is **4286940549**.

A 20% lighter version of the original color is **4285652479**, and **4278219413** is the 20% darker color. If you saturate the color by 10%, you get **4279607755**, and if you desaturate by 10%, it is **4282231755**.

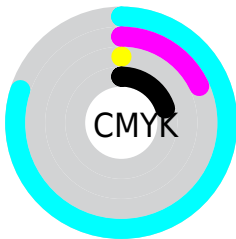
Distribution



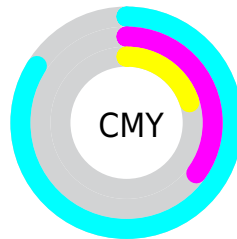
- Red (16%)
- Green (65%)
- Blue (80%)



- Red (16%)
- Yellow (44%)
- Blue (80%)



- Cyan (80%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280919755 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 4280919755 by changing the saturation by 10% instead.



4280919755



4280919755

4294967295



4278226095



4285652479



4278219413



4287691519



4278212987



4289724415



4278207074



4291690495



4278201162



4293656575



4278196019



4278190622



4278190080



4280919755



4280919755

■ 4279607755

■ 4282231755

■ 4278230475

■ 4283609035

■ 4284921035

■ 4286233035

■ 4287610315

■ 4288922315

■ 4290234059

■ 4291546059

■ 4292923595

Harmonies

Analogous

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



4279806642



4280919755



4284653271

Triad

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



4280919755



4291920545



4287930208

Complementary

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



4280919755



4291513897

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.



4289959515



4280919755



4292248450

Square

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



4280919755



4290480574



4291529576



4285572724

Rectangle

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



4280919755



4286945237



4291529576



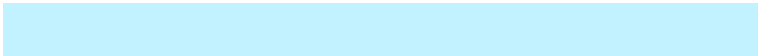
4288650332

Sweetspot

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



4280919755



4290966015



4280929100



4284184448



4278190080



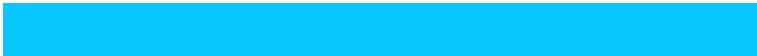
4286611584

Same Dimension

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



4280919755



4278896639



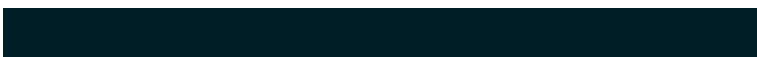
4280899531



4284245094



4278223014



4278197798

Inverse Universe

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



4291504550



4294904519



4291534121



4284898404



4289069184



4280680478

Previews

White Background



This preview shows how the Android color 4280919755 looks on a white background.

Color Contrast Check

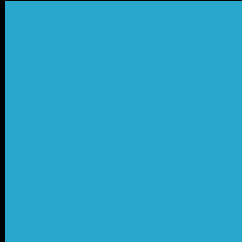
Large Text (above 18pt) WCAG AA × Fail

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 4280919755 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 4280919755 Background



This preview shows how black text looks on a background with the Android color 4280919755.



This preview shows how white text looks on a background with the Android color 4280919755.

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
4280919755



Protanomaly
4285111492



Deuteranomaly
4284914894



Tritanomaly
4279347390

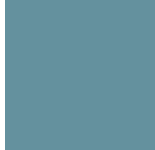
Monochromacy



Original Color
4280919755



Achromatopsia
4286940549



Achromatomaly
4284780958

CSS Examples

Text

The CSS property to change the color of the text to Android 4280919755 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, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(41, 166, 203)  
}
```

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, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 166, 203) }
```

Border

The CSS property to change the border of an element to Android 4280919755 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, 166, 203) }
```

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

```
.border{ border-color:rgb(41, 166, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 166, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(41, 166,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4280919755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 166, 203) }
```

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

```
.background{ background-color: rgb(41, 166,  
203) }
```

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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