

# Converting Colors

Android(4280069858)

Have a look what the booklet for  
Android(4280069858) contains.

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# Color

**Android(4280069858)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1CAEE2
RGB	28, 174, 226
RGB Percent	11%, 68%, 89%
CMY	0.8902, 0.3176, 0.1137
CMYK	0.88, 0.23, 0.00, 0.11
HSL	196°, 78%, 50%
HSV	196°, 88%, 89%
XYZ	29.3424, 36.0100, 77.3556
YIQ	136.2740, -103.7080, -14.7800

# Conversions

## Conversions Part 2

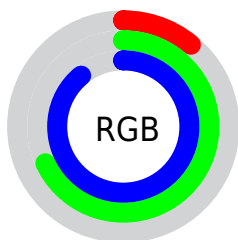
Format	Color
<a href="#">RYB</a>	<a href="#">28, 112, 226</a>
Decimal	<a href="#">1879778</a>
CIELab	<a href="#">66.53, -17.80, -36.17</a>
CIELCh	<a href="#">67, 40.312, 243.804</a>
Yxy	<a href="#">36.0100, 0.2056, 0.2523</a>
Android (android.graphics.Color)	<a href="#">4280069858</a> (0xFF1CAEE2)
YUV	<a href="#">136.2740, 44.2349, -94.9563</a>
Hunter-Lab	<a href="#">60.0083, -17.7330, -34.4238</a>

# Details

The Android color **4280069858** 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 **4293021724**, and the grayscale version is **4287137928**.

A 20% lighter version of the original color is **4285589247**, and **4278221482** is the 20% darker color. If you saturate the color by 10%, you get **4278560994**, and if you desaturate by 10%, it is **4281578722**.

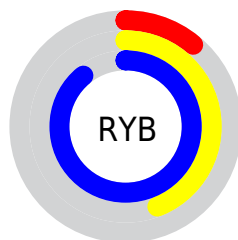
# Distribution



Red (11%)

Green (68%)

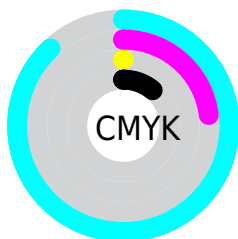
Blue (89%)



Red (11%)

Yellow (44%)

Blue (89%)

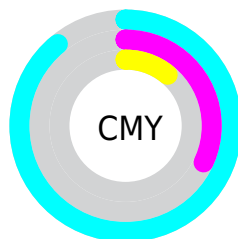


Cyan (88%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (89%)

Magenta (32%)


















Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280069858 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 4280069858 by changing the saturation by 10% instead.




 4280069858	 4280069858
 4294967295	 4278227910
 4285589247	 4278221482
 4287758335	 4278215056
 4289789951	 4278208886
 4291821567	 4278202973
 4293918719	 4278198085
	 4278191150
	 4278190361
	 4278190080

 4280069858

 4280069858

 4278560994

 4281578722

 4278233058

 4283022050

 4284530914

 4285974242

 4287483106

 4288991970

 4290435298

 4291943906

 4293387234

# Harmonies

## Analogous

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



4278236361



4280069858



4285703402

# Triad

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



4280069858



4293297567



4287540324

# Complementary

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



4280069858



4293021724

# 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.



4290027864



4280069858



4293233019

# Square

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



4280069858



4292053698



4292056161



4284592769

# Rectangle

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



4280069858



4288322532



4292056161



4288456798

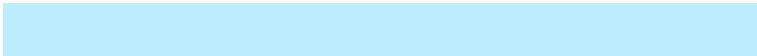


# Sweetspot

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



4280069858



4290637567



4280083022



4283987328



4278190080



4286611584

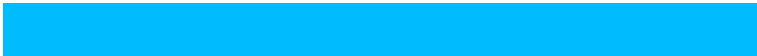


# Same Dimension

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



4280069858



4278238463



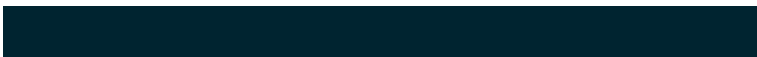
4280045282



4284837232



4278223536



4278199344



# Inverse Universe

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



4293008558



4294901948



4293046556



4285556077



4289724546



4281335844



# Previews

## White Background



This preview shows how the Android color 4280069858 looks on a white background.

## Color Contrast Check

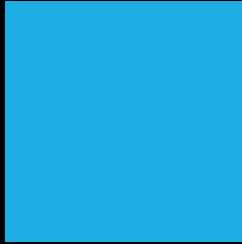
Large Text (above 18pt) WCAG AA × Fail

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 4280069858 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 4280069858 Background



This preview shows how black text looks on a background with the Android color 4280069858.

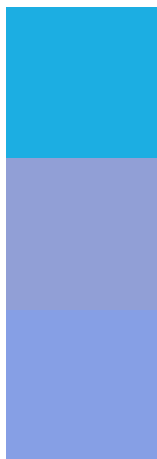


This preview shows how white text looks on a background with the Android color 4280069858.

# 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



**Original Color**

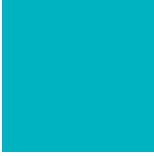
4280069858

**Protanopia**

4287733718

**Deuteranopia**

4287012837



# Trichromacy



**Original Color**

4280069858



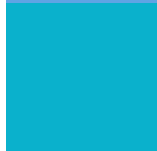
**Protanomaly**

4284916954



**Deuteranomaly**

4284458212



**Tritanomaly**

4278890956

# Monochromacy



**Original Color**

4280069858



**Achromatopsia**

4287137928



**Achromatomaly**

4284585641

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280069858 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(28, 174, 226)` looks like.

```
.text, #text, p{  
    color:rgb(28, 174, 226)  
}
```

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(28, 174, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 174, 226) }
```

## Border

The CSS property to change the border of an element to Android 4280069858 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(28, 174, 226) }
```

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

```
.border{ border-color:rgb(28, 174, 226) }
```

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

Here you see how a box with a 4 pixel rgb(28, 174, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 174, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 174, 226);  
box-shadow:4px 4px 4px 4px rgb(28, 174,  
226) }
```

# Background

The CSS property to change the background color of an element to Android 4280069858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(28, 174, 226) }
```

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

```
.background{ background-color:rgb(28, 174,  
226) }
```

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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