

# Converting Colors

Android(4280134337)

Have a look what the booklet for  
Android(4280134337) contains.

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# **Color**

**Android(4280134337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DAAC1
RGB	29, 170, 193
RGB Percent	11%, 67%, 76%
CMY	0.8863, 0.3333, 0.2431
CMYK	0.85, 0.12, 0.00, 0.24
HSL	188°, 74%, 44%
HSV	188°, 85%, 76%
XYZ	24.5071, 32.8609, 55.5032
YIQ	130.4630, -91.4190, -22.7390

# Conversions

## Conversions Part 2

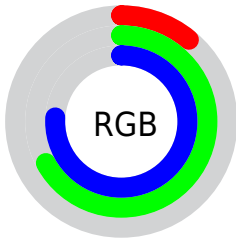
<b>Format</b>	<b>Color</b>
<b>RYB</b>	29, 105, 193
Decimal	1944257
CIELab	64.05, -26.80, -21.75
CIELCh	64, 34.513, 219.068
Yxy	32.8609, 0.2171, 0.2911
Android (android.graphics.Color)	4280134337 (0xFF1DAAC1)
YUV	130.4630, 30.8307, -88.9831
Hunter-Lab	57.3244, -24.0063, -17.2792

# Details

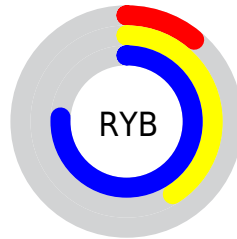
The Android color `4280134337` is a dark color, and the websafe version is hex `339999`. The color can be described as dark washed azure. A complement of this color would be `4290851869`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4285260537`, and `4278220171` is the 20% darker color. If you saturate the color by 10%, you get `4278888385`, and if you desaturate by 10%, it is `4281380289`.

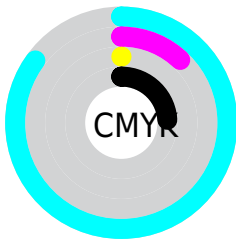
# Distribution



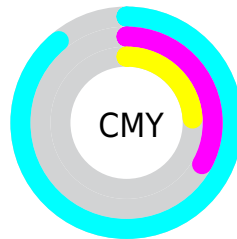
- Red (11%)
- Green (67%)
- Blue (76%)



- Red (11%)
- Yellow (41%)
- Blue (76%)



- Cyan (85%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (33%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280134337 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 4280134337 by changing the saturation by 10% instead.





4280134337



4280134337

4294967295



4278226854



4285260537



4278220171



4287299327



4278213746



4289331199



4278207577



4291297279



4278201922



4293328895



4278196268



4278190359



4278190080



4280134337



4280134337

■ 4278888385

■ 4281380289

■ 4278232769

■ 4282691521

■ 4283937473

■ 4285183425

■ 4286494913

■ 4287740609

■ 4288986561

■ 4290232513

■ 4291543745

# Harmonies

## Analogous

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



4281707684



4280134337



4283016404

# Triad

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



4280134337



4291462834



4289109086

# Complementary

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



4280134337



4290851869

# 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.



4290941538



4280134337



4292314003

# Square

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



4280134337



4289433803



4292118646



4286948714

# Rectangle

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



4280134337



4285374168



4292118646



4289763677



# Sweetspot

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



4280134337



4290507258



4280140083



4283922557



4294769916



4286414205

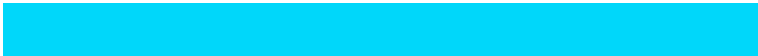


# Same Dimension

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



4280134337



4278245370



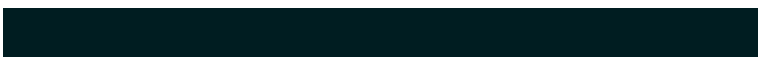
4280113601



4283916385



4278225569



4278197537



# Inverse Universe

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



4290846122



4294574295



4290872605



4284569440



4288741514



4280352797



# Previews

## White Background



This preview shows how the Android color 4280134337 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 4280134337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

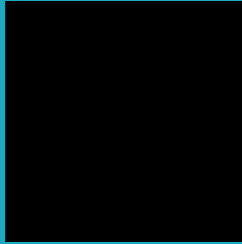
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280134337 Background



This preview shows how black text looks on a background with the Android color 4280134337.



This preview shows how white text looks on a background with the Android color 4280134337.

# 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](#).

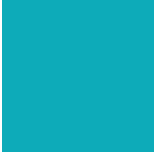
## Dichromacy



**Original Color**  
4280134337

**Protanopia**  
4287928757

**Deuteranopia**  
4287797189



# Trichromacy



**Original Color**

4280134337



**Protanomaly**

4285112249



**Deuteranomaly**

4284980932



**Tritanomaly**

4279479228

# Monochromacy



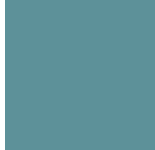
**Original Color**

4280134337



**Achromatopsia**

4286743170



**Achromatomaly**

4284322201

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280134337 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(29, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(29, 170, 193)  
}
```

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(29, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 170, 193) }
```

## Border

The CSS property to change the border of an element to Android 4280134337 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(29, 170, 193) }
```

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

```
.border{ border-color:rgb(29, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(29, 170,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4280134337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 170, 193) }
```

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

```
.background{ background-color: rgb(29, 170,  
193) }
```

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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