

# Converting Colors

Android(4281063918)

Have a look what the booklet for  
Android(4281063918) contains.

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# **Color**

**Android(4281063918)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2BD9EE
RGB	43, 217, 238
RGB Percent	17%, 85%, 93%
CMY	0.8314, 0.1490, 0.0667
CMYK	0.82, 0.09, 0.00, 0.07
HSL	186°, 85%, 55%
HSV	186°, 82%, 93%
XYZ	41.2417, 56.3123, 89.5846
YIQ	167.3680, -110.4450, -30.3570

# Conversions

## Conversions Part 2

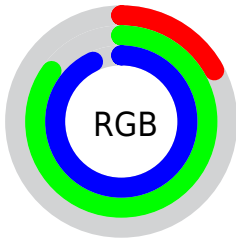
Format	Color
R <sub>Y</sub> B	43, 135, 238
Decimal	2873838
CIE Lab	79.79, -34.36, -22.25
CIE LCh	80, 40.936, 212.925
Yxy	56.3123, 0.2204, 0.3009
Android (android.graphics.Color)	4281063918 (0xFF2BD9EE)
YUV	167.3680, 34.8216, -109.0707
Hunter-Lab	75.0416, -33.2217, -18.2513

# Details

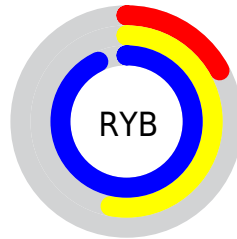
The Android color **4281063918** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293804075**, and the grayscale version is **4289177511**.

A 20% lighter version of the original color is **4286382079**, and **4278231734** is the 20% darker color. If you saturate the color by 10%, you get **4279490286**, and if you desaturate by 10%, it is **4282637550**.

# Distribution



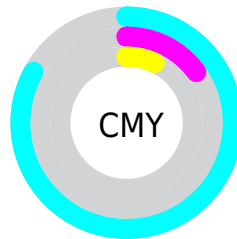
- Red (17%)
- Green (85%)
- Blue (93%)



- Red (17%)
- Yellow (53%)
- Blue (93%)



- Cyan (82%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (83%)
- Magenta (15%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281063918 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 4281063918 by changing the saturation by 10% instead.



 4281063918

 4281063918

4294967295

 4278238674

 4286382079

 4278231734

 4288544767

 4278224795

 4290641919

 4278218113

 4292739071

 4278211688

4294836223

 4278205520

 4278200121

 4278190628

 4278190091

■ 4281063918

■ 4281063918

■ 4279490286

■ 4282637550

■ 4278244590

■ 4284210926

■ 4285719022

■ 4287292398

■ 4288866030

■ 4290439406

■ 4292013038

■ 4293521134

■ 4294963438

# Harmonies

## Analogous

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



4283685576



4281063918



4283749375

# Triad

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



4281063918



4294553321



4292658553

# Complementary

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



4281063918



4293804075

# 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.



4294752131



4281063918



4294944963

# Square

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



4281063918



4291804159



4294945950



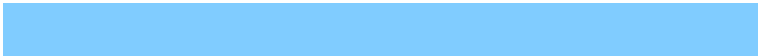
4289974404

# Rectangle

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



4281063918



4286631167



4294945950



4293378170



# Sweetspot

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



4281063918



4290771199



4281069118



4284054400



4278190080



4286611584



# Same Dimension

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



4281063918



4278576383



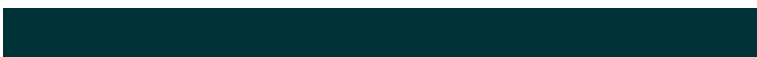
4281039342



4285298552



4278232248



4278202936



# Inverse Universe

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



4293798873



4294903268



4293828651



4286082167



4290248868

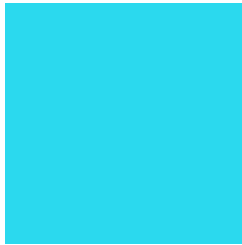


4281860146



# Previews

## White Background



This preview shows how the Android color 4281063918 looks on a white background.

## Color Contrast Check

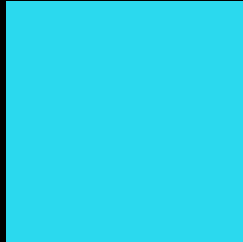
Large Text (above 18pt) WCAG AA × Fail

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 4281063918 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 4281063918 Background



This preview shows how black text looks on a background with the Android color 4281063918.



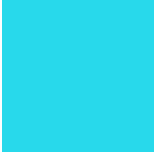
This preview shows how white text looks on a background with the Android color 4281063918.

# 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



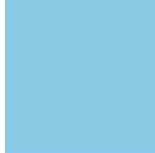


**Tritanopia**  
4280867307

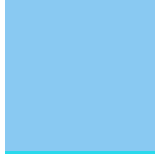
# Trichromacy



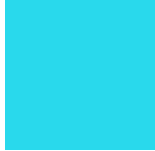
**Original Color**  
4281063918



**Protanomaly**  
4287220708



**Deuteranomaly**  
4287220210

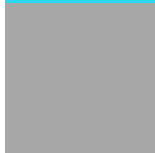


**Tritanomaly**  
4280932844

# Monochromacy



**Original Color**  
4281063918



**Achromatopsia**  
4289177511



**Achromatomaly**  
4286233025

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281063918 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(43, 217, 238)` looks like.

```
.text, #text, p{  
    color:rgb(43, 217, 238)  
}
```

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(43, 217, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 217, 238) }
```

## Border

The CSS property to change the border of an element to Android 4281063918 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(43, 217, 238) }
```

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

```
.border{ border-color:rgb(43, 217, 238) }
```

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

Here you see how a box with a 4 pixel rgb(43, 217, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 217, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 217, 238);  
box-shadow:4px 4px 4px 4px rgb(43, 217,  
238) }
```

# Background

The CSS property to change the background color of an element to Android 4281063918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 217, 238) }
```

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

```
.background{ background-color: rgb(43, 217,  
238) }
```

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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