

# Converting Colors

Android(4281451251)

Have a look what the booklet for  
Android(4281451251) contains.

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# **Color**

**Android(4281451251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31C2F3
RGB	49, 194, 243
RGB Percent	19%, 76%, 95%
CMY	0.8078, 0.2392, 0.0471
CMYK	0.80, 0.20, 0.00, 0.05
HSL	195°, 89%, 57%
HSV	195°, 80%, 95%
XYZ	36.7361, 45.7076, 91.6803
YIQ	156.2310, -102.1490, -15.5010

# Conversions

## Conversions Part 2

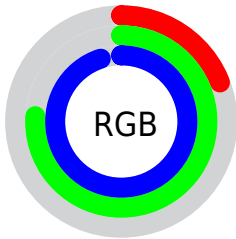
Format	Color
<b>R<sub>YB</sub></b>	49, 132, 243
Decimal	3261171
CIE <sub>Lab</sub>	73.36, -20.94, -34.80
CIE <sub>LCh</sub>	73, 40.612, 238.961
Yxy	45.7076, 0.2110, 0.2625
Android (android.graphics.Color)	4281451251 (0xFF31C2F3)
YUV	156.2310, 42.7771, -94.0416
Hunter-Lab	67.6074, -21.3208, -33.0761

# Details

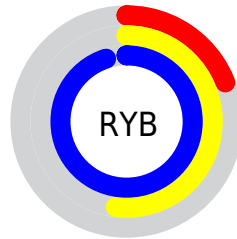
The Android color `4281451251` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294140465`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4286512127`, and `4278226107` is the 20% darker color. If you saturate the color by 10%, you get `4279876851`, and if you desaturate by 10%, it is `4283025651`.

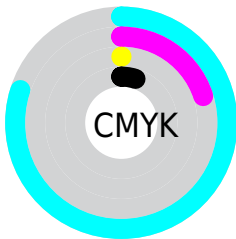
# Distribution



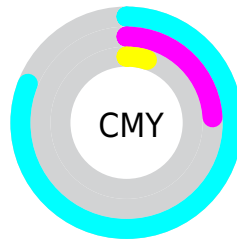
- Red (19%)
- Green (76%)
- Blue (95%)



- Red (19%)
- Yellow (52%)
- Blue (95%)



- Cyan (80%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



















- Cyan (81%)
- Magenta (24%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281451251 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 4281451251 by changing the saturation by 10% instead.



 4281451251	 4281451251
4294967295	 4278233046
 4286512127	 4278226107
 4288610303	 4278219680
 4290707455	 4278213253
 4292739071	 4278207084
 4294770687	 4278201427
	 4278196028
	 4278190630
	 4278190350

■ 4281451251

■ 4281451251

■ 4279876851

■ 4283025651

■ 4278236915

■ 4284665587

■ 4286239987

■ 4287814643

■ 4289389043

■ 4291028979

■ 4292603379

■ 4294177779

■ 4294965747

# Harmonies

## Analogous

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



4278241239



4281451251



4286298366

# Triad

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



4281451251



4294547383



4289183090

# Complementary

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



4281451251



4294140465

# 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.



4291735913



4281451251



4294679186

# Square

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



4281451251



4293041883



4293633141



4286301325

# Rectangle

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



4281451251



4288983290



4293633141



4290099564

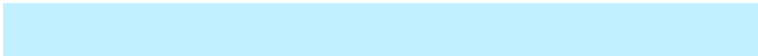


# Sweetspot

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



4281451251



4290965759



4281463649



4284184192



4278190080



4286611584



# Same Dimension

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



4281451251



4278895103



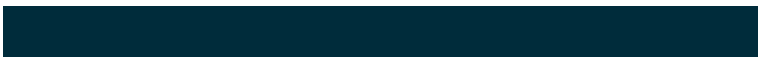
4281426419



4285429626



4278225850



4278201403



# Inverse Universe

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



4294128066



4294904513



4294165041



4286213751



4290379915

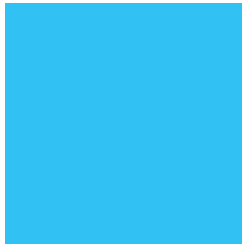


4282056748



# Previews

## White Background



This preview shows how the Android color 4281451251 looks on a white background.

## Color Contrast Check

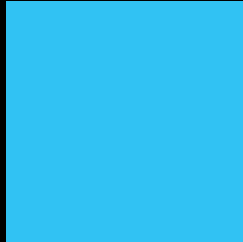
Large Text (above 18pt) WCAG AA × Fail

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 4281451251 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 4281451251 Background



This preview shows how black text looks on a background with the Android color 4281451251.



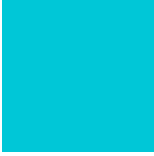
This preview shows how white text looks on a background with the Android color 4281451251.

# 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**  
4278241239

# Trichromacy



**Original Color**  
4281451251



**Protanomaly**  
4286298091



**Deuteranomaly**  
4285970422



**Tritanomaly**  
4279420385

# Monochromacy



**Original Color**  
4281451251



**Achromatopsia**  
4288453788



**Achromatomaly**  
4285901500

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281451251 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(49, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(49, 194, 243)  
}
```

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(49, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 194, 243) }
```

## Border

The CSS property to change the border of an element to Android 4281451251 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(49, 194, 243) }
```

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

```
.border{ border-color:rgb(49, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(49, 194,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4281451251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 194, 243) }
```

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

```
.background{ background-color: rgb(49, 194,  
243) }
```

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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