

# Converting Colors

Android(4281005300)

Have a look what the booklet for  
Android(4281005300) contains.

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# **Color**

**Android(4281005300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AF4F4
RGB	42, 244, 244
RGB Percent	16%, 96%, 96%
CMY	0.8353, 0.0431, 0.0431
CMYK	0.83, 0.00, 0.00, 0.04
HSL	180°, 90%, 56%
HSV	180°, 83%, 96%
XYZ	49.6347, 71.7253, 96.8163
YIQ	183.6020, -120.3920, -42.8240

# Conversions

## Conversions Part 2

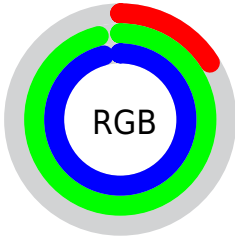
Format	Color
R <sub>Y</sub> B	42, 143, 244
Decimal	2815220
CIE Lab	87.84, -44.93, -13.29
CIE LCh	88, 46.853, 196.482
Yxy	71.7253, 0.2275, 0.3287
Android (android.graphics.Color)	4281005300 (0xFF2AF4F4)
YUV	183.6020, 29.7762, -124.1850
Hunter-Lab	84.6908, -43.5955, -8.4953

# Details

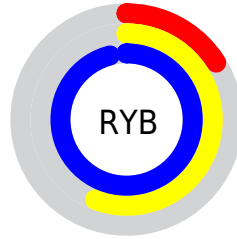
The Android color `4281005300` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294191658`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4286644223`, and `4278238140` is the 20% darker color. If you saturate the color by 10%, you get `4279432436`, and if you desaturate by 10%, it is `4282578164`.

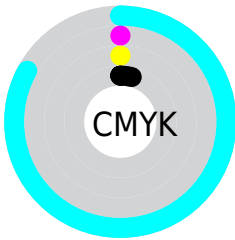
# Distribution



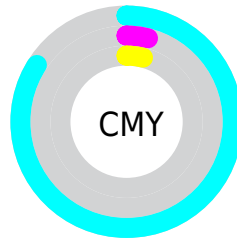
- Red (16%)
- Green (96%)
- Blue (96%)



- Red (16%)
- Yellow (56%)
- Blue (96%)



- Cyan (83%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (84%)
- Magenta (4%)
- Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281005300 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 4281005300 by changing the saturation by 10% instead.



 4281005300

 4281005300

4294967295

 4278245336

 4286644223

 4278238140

 4288872447

 4278230945

 4291035135

 4278224263

 4293132287

 4278217581

 4278210901

 4278204734

 4278199080

 4278190356

■ 4281005300

■ 4281005300

■ 4279432436

■ 4282578164

■ 4278252788

■ 4284216564

■ 4285789428

■ 4287427828

■ 4289000692

■ 4290573556

■ 4292211956

■ 4293784820

■ 4294964468

# Harmonies

## Analogous

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



4285854662



4281005300



4279496959

# Triad

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



4281005300



4294953215



4294955910

# Complementary

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



4281005300



4294191658

# 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.



4294951837



4281005300



4294950130

# Square

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



4281005300



4291025151



4294949573



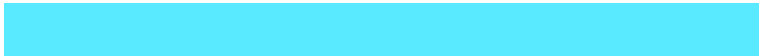
4292993413

# Rectangle

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



4281005300



4284082943



4294949573



4294954379



# Sweetspot

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



4281005300



4290772991



4281005098



4284055680



4278190080



4286611584



# Same Dimension

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



4281005300



4278452223



4280979444



4285430394



4278237882



4278205243



# Inverse Universe

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



4294191860



4294902783



4294217514



4286213754



4290379962

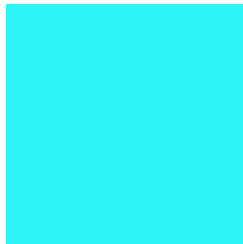


4282056763



# Previews

## White Background



This preview shows how the Android color 4281005300 looks on a white background.

## Color Contrast Check

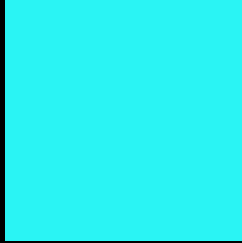
Large Text (above 18pt) WCAG AA × Fail

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 4281005300 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 4281005300 Background



This preview shows how black text looks on a background with the Android color 4281005300.

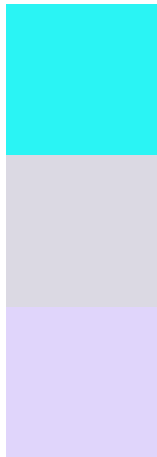


This preview shows how white text looks on a background with the Android color 4281005300.

# 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**  
4281005300

**Protanopia**  
4292598243

**Deuteranopia**  
4292924923



# Trichromacy



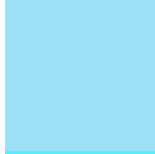
**Original Color**

4281005300



**Protanomaly**

4288406505



**Deuteranomaly**

4288602360



**Tritanomaly**

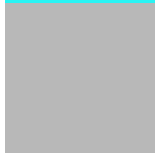
4283625723

# Monochromacy



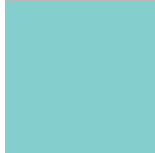
**Original Color**

4281005300



**Achromatopsia**

4290295992



**Achromatomaly**

4286893774

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281005300 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(42, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(42, 244, 244)  
}
```

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(42, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 244, 244) }
```

## Border

The CSS property to change the border of an element to Android 4281005300 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(42, 244, 244) }
```

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

```
.border{ border-color:rgb(42, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(42, 244,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4281005300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 244, 244) }
```

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

```
.background{ background-color: rgb(42, 244,  
244) }
```

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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