

# Converting Colors

Android(4281200615)

Have a look what the booklet for  
Android(4281200615) contains.

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# **Color**

**Android(4281200615)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DEFE7
RGB	45, 239, 231
RGB Percent	18%, 94%, 91%
CMY	0.8235, 0.0627, 0.0941
CMYK	0.81, 0.00, 0.03, 0.06
HSL	178°, 86%, 56%
HSV	178°, 81%, 94%
XYZ	46.3725, 68.0604, 86.2942
YIQ	180.0820, -113.0560, -43.6160

# Conversions

## Conversions Part 2

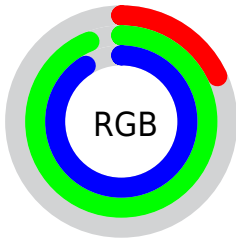
Format	Color
<a href="#">RYB</a>	<a href="#">45, 144, 239</a>
Decimal	<a href="#">3010535</a>
CIELab	<a href="#">86.04, -46.19, -9.16</a>
CIELCh	<a href="#">86, 47.092, 191.215</a>
Yxy	<a href="#">68.0604, 0.2310, 0.3391</a>
Android (android.graphics.Color)	<a href="#">4281200615</a> ( <a href="#">0xFF2DEFE7</a> )
YUV	<a href="#">180.0820, 25.1026, -118.4669</a>
Hunter-Lab	<a href="#">82.4987, -44.0380, -4.2686</a>

# Details

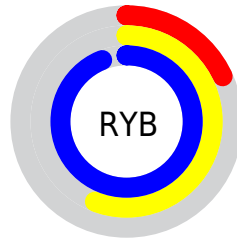
The Android color `4281200615` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light washed cyan. A complement of this color would be `4293864757`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4286578687`, and `4278236848` is the 20% darker color. If you saturate the color by 10%, you get `4279627750`, and if you desaturate by 10%, it is `4282773480`.

# Distribution



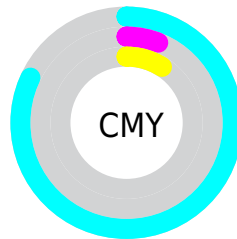
- Red (18%)
- Green (94%)
- Blue (91%)



- Red (18%)
- Yellow (56%)
- Blue (94%)



- Cyan (81%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (82%)
- Magenta (6%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281200615 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 4281200615 by changing the saturation by 10% instead.





4281200615



4281200615

4294967295



4278244043



4286578687



4278236848



4288806911



4278229909



4290904063



4278222971



4293001215



4278216290



4278209867



4278203700



4278197791



4278190086

■ 4281200615

■ 4281200615

■ 4279627750

■ 4282773480

■ 4278251493

■ 4284346345

■ 4285919210

■ 4287492075

■ 4288999404

■ 4290572269

■ 4292145134

■ 4293717999

■ 4294963184

# Harmonies

## Analogous

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



4286246329



4281200615



4278250751

# Triad

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



4281200615



4294100479



4294953859

# Complementary

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



4281200615



4293864757

# 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.



4294950046



4281200615



4294949109

# Square

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



4281200615



4289844991



4294948040



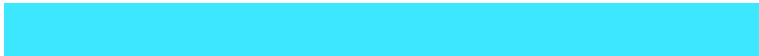
4293188222

# Rectangle

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



4281200615



4282247167



4294948040



4294952586



# Sweetspot

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



4281200615



4290969596



4281855789



4284186750



4278190080



4286611584



# Same Dimension

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



4281200615



4278779893



4281178351



4285298807



4278237360



4278204470



# Inverse Universe

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



4293864757



4294903826



4293887021



4286082156



4290248712

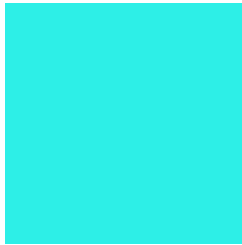


4281860098



# Previews

## White Background



This preview shows how the Android color 4281200615 looks on a white background.

## Color Contrast Check

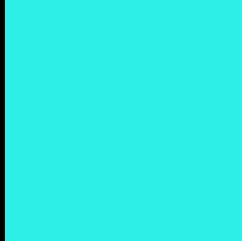
Large Text (above 18pt) WCAG AA × Fail

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 4281200615 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

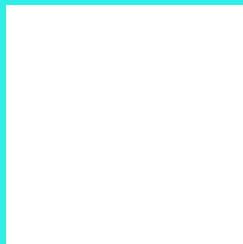
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281200615 Background



This preview shows how black text looks on a background with the Android color 4281200615.



This preview shows how white text looks on a background with the Android color 4281200615.

# 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

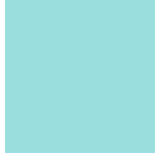




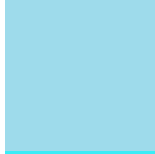
# Trichromacy



**Original Color**  
4281200615



**Protanomaly**  
4288339677



**Deuteranomaly**  
4288601067

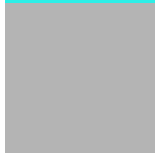


**Tritanomaly**  
4282051830

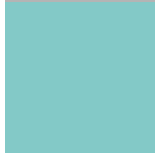
# Monochromacy



**Original Color**  
4281200615



**Achromatopsia**  
4290032820



**Achromatomaly**  
4286826951

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281200615 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(45, 239, 231)` looks like.

```
.text, #text, p{  
    color:rgb(45, 239, 231)  
}
```

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(45, 239, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 239, 231) }
```

## Border

The CSS property to change the border of an element to Android 4281200615 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(45, 239, 231) }
```

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

```
.border{ border-color:rgb(45, 239, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 239, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 239, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 239, 231);  
box-shadow:4px 4px 4px 4px rgb(45, 239,  
231) }
```

# Background

The CSS property to change the background color of an element to Android 4281200615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 239, 231) }
```

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

```
.background{ background-color: rgb(45, 239,  
231) }
```

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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