

# Converting Colors

Android(4281335497)

Have a look what the booklet for  
Android(4281335497) contains.

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**Color**

**Android(4281335497)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FFEC9
RGB	47, 254, 201
RGB Percent	18%, 100%, 79%
CMY	0.8157, 0.0039, 0.2118
CMYK	0.81, 0.00, 0.21, 0.00
HSL	165°, 99%, 59%
HSV	165°, 81%, 100%
XYZ	47.1567, 75.7050, 67.3855
YIQ	186.0650, -106.3590, -60.3670

# Conversions

## Conversions Part 2

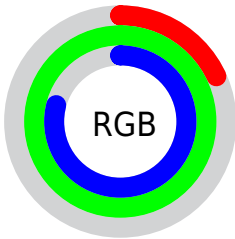
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	47, 166, 254
Decimal	3145417
CIELab	89.72, -59.87, 11.84
CIELCh	90, 61.032, 168.812
Yxy	75.7050, 0.2479, 0.3979
Android (android.graphics.Color)	4281335497 (0xFF2FFEC9)
YUV	186.0650, 7.3630, -121.9600
Hunter-Lab	87.0086, -55.5221, 14.9878

# Details

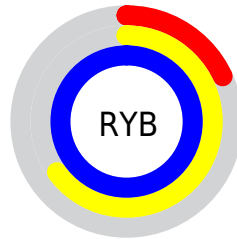
The Android color `4281335497` is a light color, and the websafe version is hex `33FFCC`. The color can be described as light washed cyan. A complement of this color would be `4294848356`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4286709759`, and `4278240403` is the 20% darker color. If you saturate the color by 10%, you get `4279697090`, and if you desaturate by 10%, it is `4282973904`.

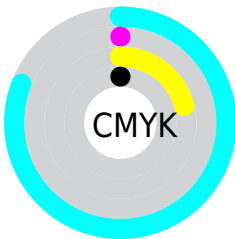
# Distribution



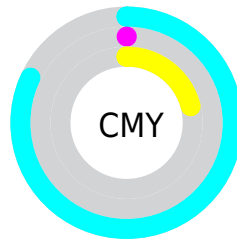
- Red (18%)
- Green (100%)
- Blue (79%)



- Red (18%)
- Yellow (65%)
- Blue (100%)



- Cyan (81%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281335497 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 4281335497 by changing the saturation by 10% instead.





4281335497



4281335497

4294967295



4278247854



4286709759



4278240403



4288872447



4278233209



4291035135



4278226272



4293066751



4278219337



4278212658



4278206237



4278200069



4278190080

■ 4281335497

■ 4281335497

■ 4279697090

■ 4282973904

■ 4278255293

■ 4284677846

■ 4286316253

■ 4288020195

■ 4289658602

■ 4291297008

■ 4293000951

■ 4294639357

4294967039

# Harmonies

## Analogous

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



4288542610



4281335497



4278255615

# Triad

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



4281335497



4291025919



4294951308

# Complementary

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



4281335497



4294848356

# 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.



4294947519



4281335497



4294952191

# Square

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



4281335497



4281265919



4294947834



4294956909

# Rectangle

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



4281335497



4278255103



4294947834



4294949787

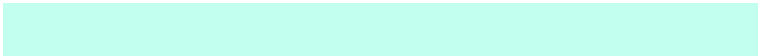


# Sweetspot

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



4281335497



4290969583



4284939823



4284186742



4278190080



4286611584



# Same Dimension

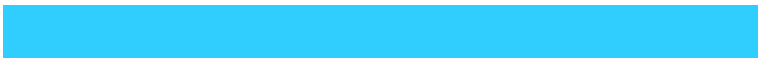
The Same Dimension uses a secret algorithm to generate beautiful new colors.



4281335497



4278583231



4281323262



4285759612



4278239118



4278206511



# Inverse Universe

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



4294848356



4294903109



4294860591



4286608246



4290707505

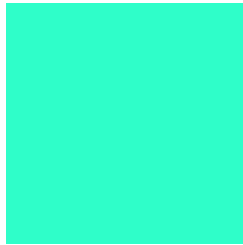


4282384400



# Previews

## White Background



This preview shows how the Android color 4281335497 looks on a white background.

## Color Contrast Check

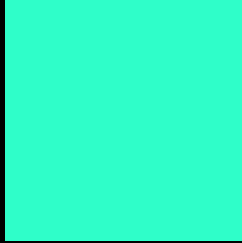
Large Text (above 18pt) WCAG AA × Fail

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 4281335497 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

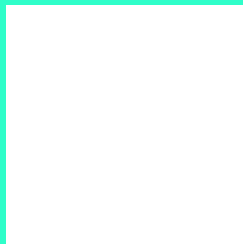
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281335497 Background



This preview shows how black text looks on a background with the Android color 4281335497.

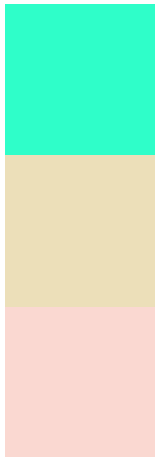


This preview shows how white text looks on a background with the Android color 4281335497.

# 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**  
4281335497

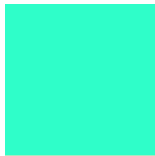
**Protanopia**  
4293713849

**Deuteranopia**  
4294629585



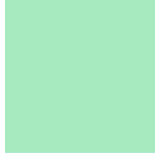
**Tritanopia**  
4287426815

# Trichromacy



**Original Color**

4281335497



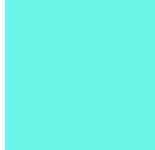
**Protanomaly**

4289194687



**Deuteranomaly**

4289783502



**Tritanomaly**

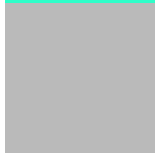
4285199851

# Monochromacy



**Original Color**

4281335497



**Achromatopsia**

4290427578



**Achromatomaly**

4287091647

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281335497 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(47, 254, 201)` looks like.

```
.text, #text, p{  
    color:rgb(47, 254, 201)  
}
```

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(47, 254, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 254, 201) }
```

## Border

The CSS property to change the border of an element to Android 4281335497 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(47, 254, 201) }
```

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

```
.border{ border-color:rgb(47, 254, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 254, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 254, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 254, 201);  
box-shadow:4px 4px 4px 4px rgb(47, 254,  
201) }
```

# Background

The CSS property to change the background color of an element to Android 4281335497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 254, 201) }
```

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

```
.background{ background-color: rgb(47, 254,  
201) }
```

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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