

# Converting Colors

Android(4281330595)

Have a look what the booklet for  
Android(4281330595) contains.

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# **Color**

**Android(4281330595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FEBA3
RGB	47, 235, 163
RGB Percent	18%, 92%, 64%
CMY	0.8157, 0.0784, 0.3608
CMYK	0.80, 0.00, 0.31, 0.08
HSL	157°, 82%, 55%
HSV	157°, 80%, 92%
XYZ	37.4915, 62.6653, 44.7699
YIQ	170.5800, -88.9360, -62.2480

# Conversions

## Conversions Part 2

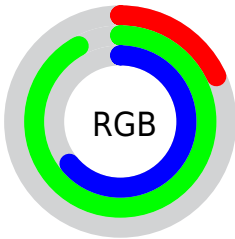
Format	Color
<a href="#">RYB</a>	<a href="#">47, 163, 235</a>
Decimal	<a href="#">3140515</a>
CIELab	<a href="#">83.27, -61.18, 22.43</a>
CIELCh	<a href="#">83, 65.160, 159.868</a>
Yxy	<a href="#">62.6653, 0.2587, 0.4324</a>
Android (android.graphics.Color)	<a href="#">4281330595 (0xFF2FEBA3)</a>
YUV	<a href="#">170.5800, -3.7369, -108.3797</a>
Hunter-Lab	<a href="#">79.1614, -53.9935, 21.8814</a>

# Details

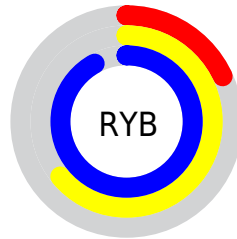
The Android color `4281330595` is a dark color, and the websafe version is hex `33FFCC`. The color can be described as middle washed spring green. A complement of this color would be `4293603191`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4286382042`, and `4278235759` is the 20% darker color. If you saturate the color by 10%, you get `4279757722`, and if you desaturate by 10%, it is `4282903468`.

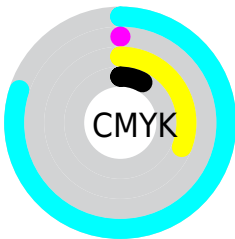
# Distribution



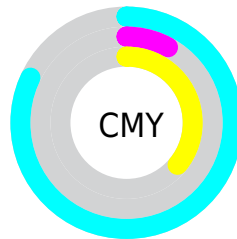
- Red (18%)
- Green (92%)
- Blue (64%)



- Red (18%)
- Yellow (64%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281330595 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 4281330595 by changing the saturation by 10% instead.





4281330595



4281330595

4294967295



4278242953



4286382042



4278235759



4288479223



4278228566



4290576383



4278221630



4292607999



4278214952



4294639615



4278208530



4278202624




4278195200



4278190080

 4281330595

 4281330595

 4279757722

 4282903468

 4278250385

 4284410805

 4285983678

 4287491015

 4288998352

 4290571225

 4292078562

 4293651435

 4294962164

# Harmonies

## Analogous

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



4288471661



4281330595



4278251234

# Triad

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



4281330595



4287025151



4294944388

# Complementary

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



4281330595



4293603191

# 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.



4294941117



4281330595



4293834751

# Square

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



4281330595



4278247935



4294943227



4294950234

# Rectangle

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



4281330595



4278251007



4294943227



4294942870

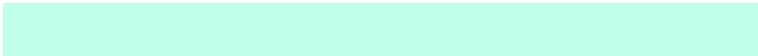


# Sweetspot

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



4281330595



4290969576



4286049071



4284186737



4278190080



4286611584



# Same Dimension

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



4281330595



4278910881



4281325035



4285166961



4278236528



4278203937



# Inverse Universe

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



4293603191



4294904424



4293608751



4285885038



4290052165

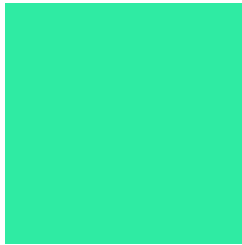


4281729045



# Previews

## White Background



This preview shows how the Android color 4281330595 looks on a white background.

## Color Contrast Check

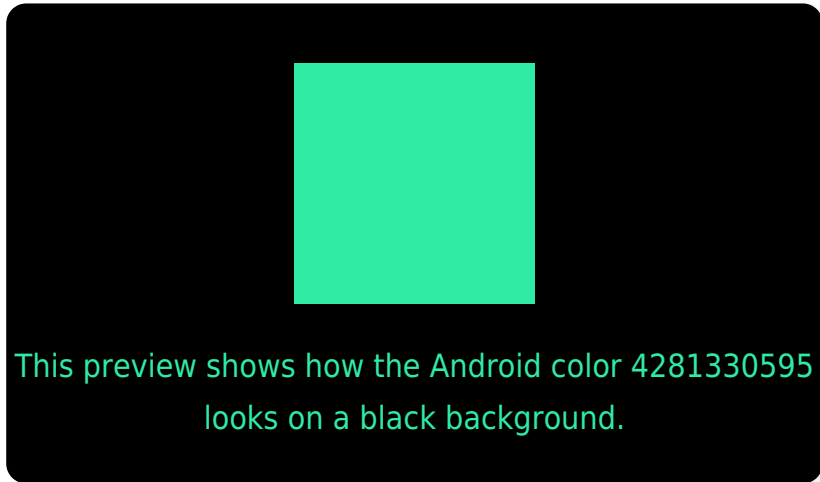
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4281330595 Background



This preview shows how black text looks on a background with the Android color 4281330595.



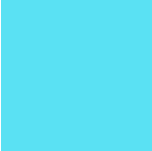
This preview shows how white text looks on a background with the Android color 4281330595.

# 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**  
4284146163

# Trichromacy



**Original Color**

4281330595



**Protanomaly**

4288600219



**Deuteranomaly**

4289254312



**Tritanomaly**

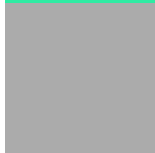
4283098582

# Monochromacy



**Original Color**

4281330595



**Achromatopsia**

4289440683



**Achromatomaly**

4286497448

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281330595 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, 235, 163)` looks like.

```
.text, #text, p{  
    color:rgb(47, 235, 163)  
}
```

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, 235, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 235, 163) }
```

## Border

The CSS property to change the border of an element to Android 4281330595 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, 235, 163) }
```

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

```
.border{ border-color:rgb(47, 235, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 235, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 235, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 235, 163);  
box-shadow:4px 4px 4px 4px rgb(47, 235,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4281330595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 235, 163) }
```

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

```
.background{ background-color: rgb(47, 235,  
163) }
```

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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