

Converting Colors

Android(4281335656)

Have a look what the booklet for
Android(4281335656) contains.

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Color

Android(4281335656)

Conversions

Conversions Part 1

Format	Color
Hex	2FFF68
RGB	47, 255, 104
RGB Percent	18%, 100%, 41%
CMY	0.8157, 0.0000, 0.5922
CMYK	0.82, 0.00, 0.59, 0.00
HSL	136°, 100%, 59%
HSV	136°, 82%, 100%
XYZ	39.4310, 73.1238, 25.1328
YIQ	175.5940, -75.4970, -91.0570

Conversions

Conversions Part 2

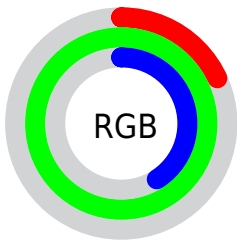
Format	Color
RYB	47, 210, 255
Decimal	3145576
CIELab	88.51, -77.55, 57.50
CIELCh	89, 96.542, 143.445
Yxy	73.1238, 0.2864, 0.5311
Android (android.graphics.Color)	4281335656 (0xFF2FFF68)
YUV	175.5940, -35.2958, -112.7769
Hunter-Lab	85.5125, -67.3380, 42.4329

Details

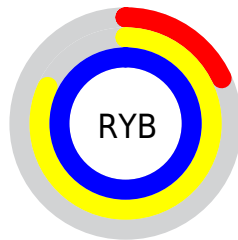
The Android color `4281335656` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed spring green. A complement of this color would be `4294913990`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4286709663`, and `4278240560` is the 20% darker color. If you saturate the color by 10%, you get `4279697237`, and if you desaturate by 10%, it is `4283039611`.

Distribution



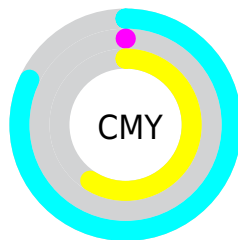
- Red (18%)
- Green (100%)
- Blue (41%)



- Red (18%)
- Yellow (82%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (59%)
- Black (0%)





- Cyan (82%)
- Magenta (0%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281335656 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 4281335656 by changing the saturation by 10% instead.

 4281335656

 4281335656

4294967295

 4278247757

 4286709663

 4278240560

 4288937915

 4278233099

 4291035096

 4278225920

 4293132277

 4278219008


 4278212352

 4278205952

 4278199296

 4278190080

 4281335656

 4281335656

 4279697237

 4283039611

 4278255430

 4284678029

 4286381984

 4288020402

 4289724357

 4291362775

 4293066730

 4294705148

4294967295

Harmonies

Analogous

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



4291030784



4281335656



4278255558

Triad

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



4281335656



4278251519



4294935963

Complementary

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



4281335656



4294913990

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.



4294934262



4281335656



4289842943

Square

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



4281335656



4278255615



4294943487



4294945862

Rectangle

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



4281335656



4278255615



4294943487



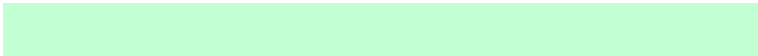
4294933945

Sweetspot

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



4281335656



4290969555



4291362607



4284186725



4278190080



4286611584

Same Dimension

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



4281335656



4278583114



4281335758



4285759606



4278239028



4278206481

Inverse Universe

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



4294913990



4294903227



4294913888



4286608252



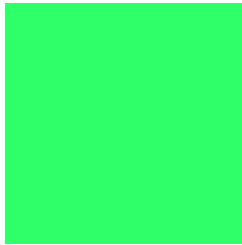
4290707595



4282384430

Previews

White Background



This preview shows how the Android color 4281335656 looks on a white background.

Color Contrast Check

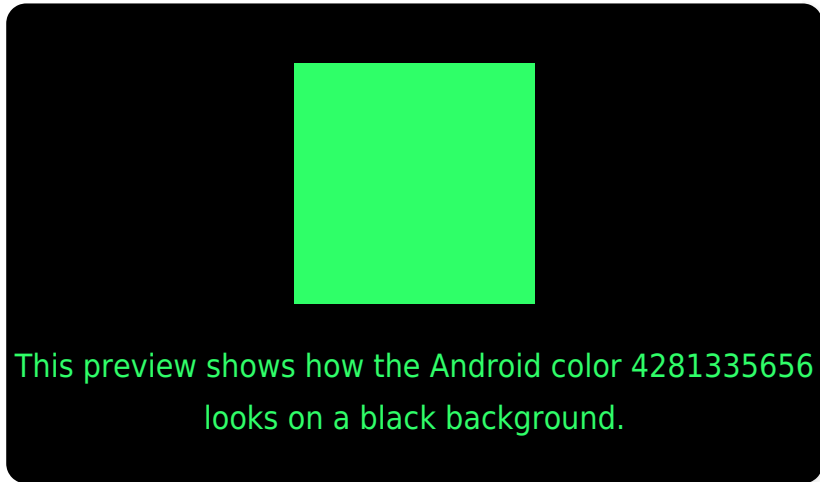
Large Text (above 18pt) WCAG AA × Fail

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 4281335656 Background



This preview shows how black text looks on a background with the Android color 4281335656.

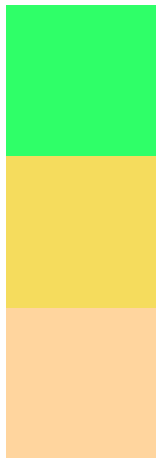


This preview shows how white text looks on a background with the Android color 4281335656.

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
4281335656

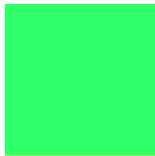
Protanopia
4294302813

Deuteranopia
4294956446



Tritanopia
4286508543

Trichromacy



Original Color

4281335656



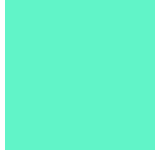
Protanomaly

4289587553



Deuteranomaly

4289979530



Tritanomaly

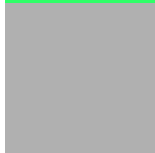
4284609736

Monochromacy



Original Color

4281335656



Achromatopsia

4289769648



Achromatomaly

4286696854

CSS Examples

Text

The CSS property to change the color of the text to Android 4281335656 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, 255, 104)` looks like.

```
.text, #text, p{  
    color:rgb(47, 255, 104)  
}
```

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, 255, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 255, 104) }
```

Border

The CSS property to change the border of an element to Android 4281335656 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, 255, 104) }
```

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

```
.border{ border-color:rgb(47, 255, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 255, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 255, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 255, 104);  
box-shadow:4px 4px 4px 4px rgb(47, 255,  
104) }
```

Background

The CSS property to change the background color of an element to Android 4281335656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 255, 104) }
```

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

```
.background{ background-color: rgb(47, 255,  
104) }
```

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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