

Converting Colors

Android(4281007739)

Have a look what the booklet for
Android(4281007739) contains.

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Color

Android(4281007739)

Conversions

Conversions Part 1

Format	Color
Hex	2AFE7B
RGB	42, 254, 123
RGB Percent	16%, 100%, 48%
CMY	0.8353, 0.0039, 0.5176
CMYK	0.83, 0.00, 0.52, 0.00
HSL	143°, 99%, 58%
HSV	143°, 83%, 100%
XYZ	39.9718, 72.8059, 30.6851
YIQ	175.6780, -84.3010, -85.6850

Conversions

Conversions Part 2

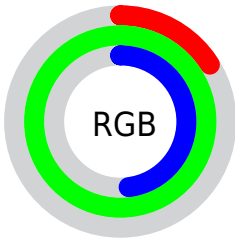
Format	Color
RYB	42, 195, 254
Decimal	2817659
CIELab	88.36, -75.20, 48.80
CIELCh	88, 89.645, 147.020
Yxy	72.8059, 0.2786, 0.5075
Android (android.graphics.Color)	4281007739 (0xFF2AFE7B)
YUV	175.6780, -25.9703, -117.2356
Hunter-Lab	85.3264, -65.7015, 38.4066

Details

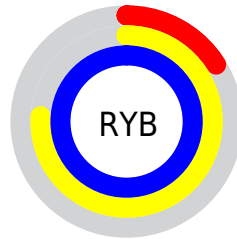
The Android color **4281007739** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **4294847149**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4286513074**, and **4278240326** is the 20% darker color. If you saturate the color by 10%, you get **4279369323**, and if you desaturate by 10%, it is **4282646155**.

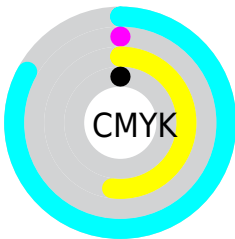
Distribution



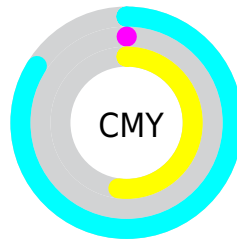
- Red (16%)
- Green (100%)
- Blue (48%)



- Red (16%)
- Yellow (76%)
- Blue (100%)



- Cyan (83%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (84%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281007739 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 4281007739 by changing the saturation by 10% instead.

 4281007739

 4281007739

4294967295

 4278247776

 4286513074

 4278240326

 4288741326

 4278232875

 4290838507

 4278225931

 4292935679

 4278219008

 4278212096

 4278205952

 4278199296

 4278190080

■ 4281007739

■ 4281007739

■ 4279369323

■ 4282646155

■ 4278255201

■ 4284350106

■ 4285988522

■ 4287692474

■ 4289330889

■ 4290969305

■ 4292673257

■ 4294311673

4294967039

Harmonies

Analogous

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



4290506539



4281007739



4278255570

Triad

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



4281007739



4278250239



4294939285

Complementary

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



4281007739



4294847149

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.



4294936810



4281007739



4291546111

Square

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



4281007739



4278255103



4294943743



4294947914

Rectangle

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



4281007739



4278255615



4294943743



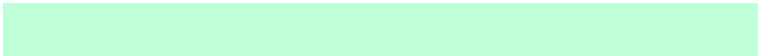
4294937265

Sweetspot

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



4281007739



4290772952



4289789482



4284055656



4278190080



4286611584

Same Dimension

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



4281007739



4278255457



4281007842



4285759608



4278239049



4278206488

Inverse Universe

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



4294847149



4294901918



4294847046



4286608251



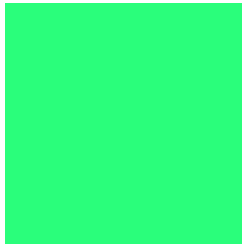
4290707574



4282384423

Previews

White Background



This preview shows how the Android color 4281007739 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 4281007739 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 4281007739 Background



This preview shows how black text looks on a background with the Android color 4281007739.

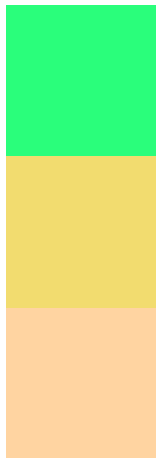


This preview shows how white text looks on a background with the Android color 4281007739.

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](#).

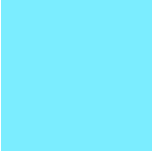
Dichromacy



Original Color
4281007739

Protanopia
4294106223

Deuteranopia
4294956193



Tritanopia
4286311935

Trichromacy



Original Color

4281007739



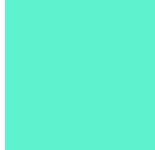
Protanomaly

4289325171



Deuteranomaly

4289913747



Tritanomaly

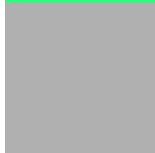
4284412879

Monochromacy



Original Color

4281007739



Achromatopsia

4289769648



Achromatomaly

4286565533

CSS Examples

Text

The CSS property to change the color of the text to Android 4281007739 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, 254, 123)` looks like.

```
.text, #text, p{  
    color:rgb(42, 254, 123)  
}
```

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, 254, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 254, 123) }
```

Border

The CSS property to change the border of an element to Android 4281007739 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, 254, 123) }
```

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

```
.border{ border-color:rgb(42, 254, 123) }
```

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

Here you see how a box with a 4 pixel rgb(42, 254, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 254, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 254, 123);  
box-shadow:4px 4px 4px 4px rgb(42, 254,  
123) }
```

Background

The CSS property to change the background color of an element to Android 4281007739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 254, 123) }
```

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

```
.background{ background-color: rgb(42, 254,  
123) }
```

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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