

Converting Colors

Android(4283432781)

Have a look what the booklet for
Android(4283432781) contains.

Android(4283432781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283432781)

Conversions

Conversions Part 1

Format	Color
Hex	4FFF4D
RGB	79, 255, 77
RGB Percent	31%, 100%, 30%
CMY	0.6902, 0.0000, 0.6980
CMYK	0.69, 0.00, 0.70, 0.00
HSL	119°, 100%, 65%
HSV	119°, 70%, 100%
XYZ	40.3240, 73.7181, 19.1249
YIQ	182.0840, -47.7580, -92.6700

Conversions

Conversions Part 2

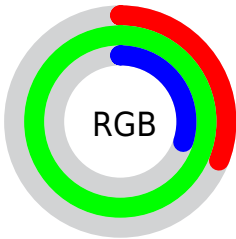
Format	Color
RYB	77, 255, 253
Decimal	5242701
CIELab	88.79, -75.97, 68.66
CIELCh	89, 102.405, 137.893
Yxy	73.7181, 0.3028, 0.5536
Android (android.graphics.Color)	4283432781 (0xFF4FFF4D)
YUV	182.0840, -51.8064, -90.4047
Hunter-Lab	85.8592, -66.4207, 46.8948

Details

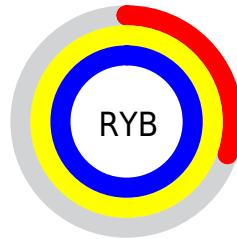
The Android color `4283432781` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4294790655`, and the grayscale version is `4290230199`.

A 20% lighter version of the original color is `4288020358`, and `4278240512` is the 20% darker color. If you saturate the color by 10%, you get `4281794356`, and if you desaturate by 10%, it is `4285071207`.

Distribution



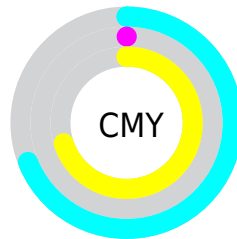
- Red (31%)
- Green (100%)
- Blue (30%)



- Red (30%)
- Yellow (100%)
- Blue (99%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283432781 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 4283432781 by changing the saturation by 10% instead.

 4283432781

 4283432781

4294967295

 4279951917

 4288020358

 4278240512

 4290117539

 4278233088

 4292214720

 4278226176

 4294311901

 4278219264

 4294967291

 4278212352

 4278206208

 4278199552

 4278190080

■ 4283432781

■ 4283432781

■ 4281794356

■ 4285071207

■ 4280155930

■ 4286709632

■ 4278451969

■ 4288413594

■ 4278451968

■ 4290052019

■ 4291690445

■ 4293328870

4294967295

Harmonies

Analogous

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



4292144128



4283432781



4278255539

Triad

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



4283432781



4278253311



4294932137

Complementary

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



4283432781



4294790655

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.



4294932991



4283432781



4286043903

Square

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



4283432781



4278255615



4294944767



4294942797

Rectangle

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



4283432781



4278255607



4294944767



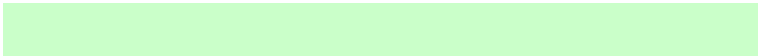
4294930633

Sweetspot

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



4283432781



4291493833



4294966349



4284514400



4278190080



4286611584

Same Dimension

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



4283432781



4281073449



4283301795



4285759603



4278370048



4278272000

Inverse Universe

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



4294790655



4294781439



4294921641



4286542720



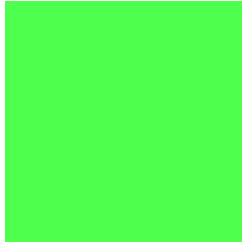
4290576575



4282318912

Previews

White Background



This preview shows how the Android color 4283432781 looks on a white background.

Color Contrast Check

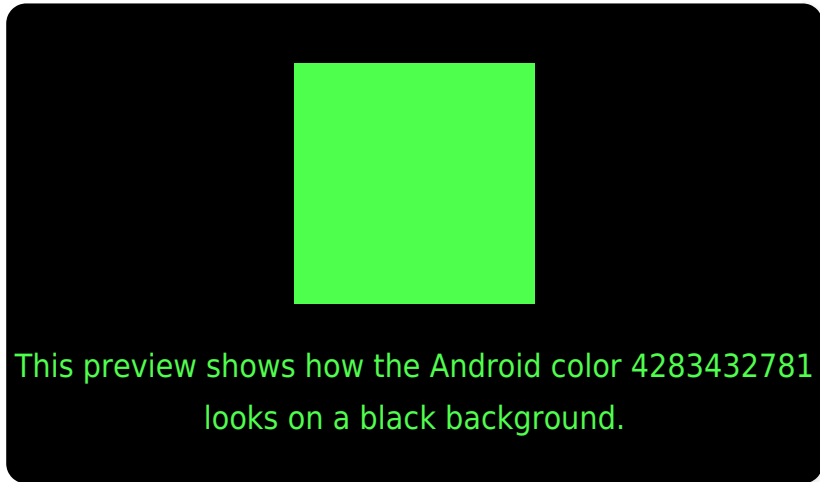
Large Text (above 18pt) WCAG AA × Fail

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 4283432781 Background



This preview shows how black text looks on a background with the Android color 4283432781.

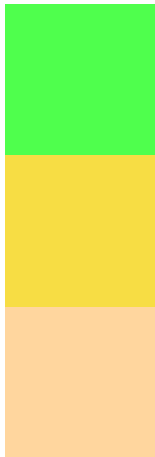


This preview shows how white text looks on a background with the Android color 4283432781.

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
4283432781

Protanopia
4294434116

Deuteranopia
4294956702



Tritanopia
4287163903

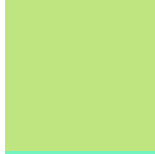
Trichromacy



Original Color
4283432781



Protanomaly
4290439495

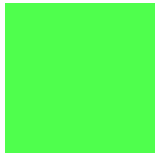


Deuteranomaly
4290766209

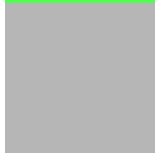


Tritanomaly
4285789374

Monochromacy



Original Color
4283432781



Achromatopsia
4290164406



Achromatomaly
4287746448

CSS Examples

Text

The CSS property to change the color of the text to Android 4283432781 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(79, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(79, 255, 77)  
}
```

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(79, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 255, 77) }
```

Border

The CSS property to change the border of an element to Android 4283432781 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(79, 255, 77) }
```

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

```
.border{ border-color:rgb(79, 255, 77) }
```

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

Here you see how a box with a 4 pixel rgb(79, 255, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(79, 255,  
77) }
```

Background

The CSS property to change the background color of an element to Android 4283432781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 255, 77) }
```

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

```
.background{ background-color: rgb(79, 255,  
77) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor