

# Converting Colors

Android(4281663044)

Have a look what the booklet for  
Android(4281663044) contains.

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# **Color**

**Android(4281663044)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34FE44
RGB	52, 254, 68
RGB Percent	20%, 100%, 27%
CMY	0.7961, 0.0039, 0.7333
CMYK	0.80, 0.00, 0.73, 0.00
HSL	125°, 99%, 60%
HSV	125°, 80%, 100%
XYZ	37.9014, 72.0310, 17.3746
YIQ	172.3980, -60.6860, -100.6700

# Conversions

## Conversions Part 2

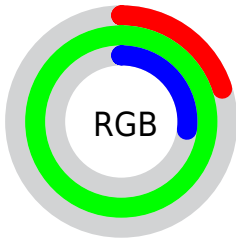
Format	Color
R <sub>YB</sub>	52, 239, 254
Decimal	3472964
CIE Lab	87.98, -80.18, 70.80
CIE LCh	88, 106.967, 138.555
Yxy	72.0310, 0.2977, 0.5658
Android (android.graphics.Color)	4281663044 (0xFF34FE44)
YUV	172.3980, -51.4682, -105.5890
Hunter-Lab	84.8711, -68.8107, 47.2721

# Details

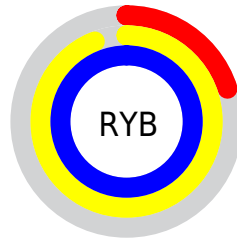
The Android color `4281663044` is a dark color, and the websafe version is hex `33FF33`. The color can be described as dark washed green. A complement of this color would be `4294849774`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4286971775`, and `4278240256` is the 20% darker color. If you saturate the color by 10%, you get `4280024621`, and if you desaturate by 10%, it is `4283301467`.

# Distribution



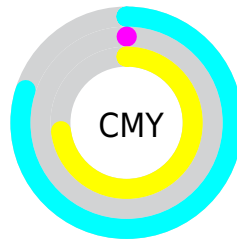
- Red (20%)
- Green (100%)
- Blue (27%)



- Red (20%)
- Yellow (94%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281663044 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 4281663044 by changing the saturation by 10% instead.





4281663044



4281663044

4294967295



4278247713



4286971775



4278240256



4289134491



4278232832



4291297208



4278225664



4293394389



4278218752



4294967283



4278212096



4278205696



4278199040



4278190080

■ 4281663044

■ 4281663044

■ 4280024621

■ 4283301467

■ 4278320661

■ 4285005427

■ 4278255124

■ 4286643850

■ 4288347810

■ 4289986233

■ 4291624656

■ 4293328616

4294967039

# Harmonies

## Analogous

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



4291685120



4281663044



4278255537

# Triad

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



4281663044



4278252799



4294929059

# Complementary

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



4281663044



4294849774

# 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.



4294929663



4281663044



4285453311

# Square

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



4281663044



4278255615



4294942975



4294941505

# Rectangle

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



4281663044



4278255608



4294942975



4294927044

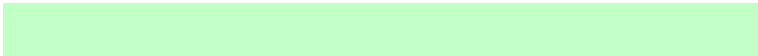


# Sweetspot

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



4281663044



4290969543



4294049332



4284186717



4278190080



4286611584



# Same Dimension

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



4281663044



4279107360



4281663142



4285759604



4278238991



4278206469



# Inverse Universe

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



4294849774



4294905324



4294849676



4286608254



4290707632

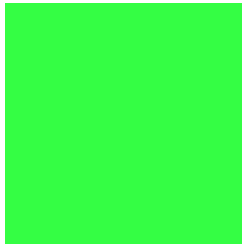


4282384443



# Previews

## White Background



This preview shows how the Android color 4281663044 looks on a white background.

## Color Contrast Check

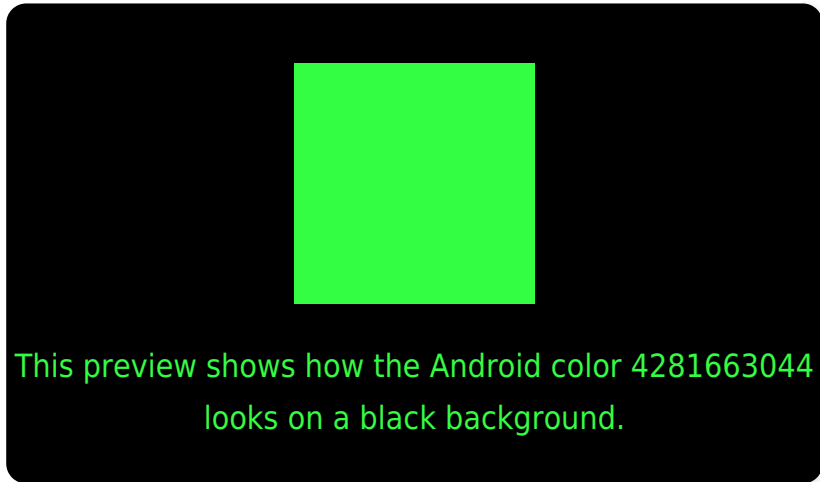
Large Text (above 18pt) WCAG AA × Fail

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 4281663044 Background



This preview shows how black text looks on a background with the Android color 4281663044.

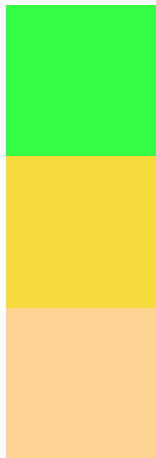


This preview shows how white text looks on a background with the Android color 4281663044.

# 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



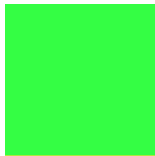
**Original Color**  
4281663044

**Protanopia**  
4294302523

**Deuteranopia**  
4294955924



# Trichromacy



**Original Color**

4281663044



**Protanomaly**

4289718334



**Deuteranomaly**

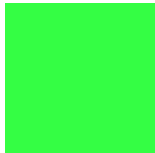
4290110327



**Tritanomaly**

4284478395

# Monochromacy



**Original Color**

4281663044



**Achromatopsia**

4289506476



**Achromatomaly**

4286630534

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281663044 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(52, 254, 68)` looks like.

```
.text, #text, p{  
    color:rgb(52, 254, 68)  
}
```

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(52, 254, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 254, 68) }
```

## Border

The CSS property to change the border of an element to Android 4281663044 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(52, 254, 68) }
```

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

```
.border{ border-color:rgb(52, 254, 68) }
```

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

Here you see how a box with a 4 pixel rgb(52, 254, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 254, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 254, 68);  
box-shadow:4px 4px 4px 4px rgb(52, 254,  
68) }
```

# Background

The CSS property to change the background color of an element to Android 4281663044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 254, 68) }
```

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

```
.background{ background-color: rgb(52, 254,  
68) }
```

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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