

# Converting Colors

Android(4281330754)

Have a look what the booklet for  
Android(4281330754) contains.

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# **Color**

**Android(4281330754)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FEC42
RGB	47, 236, 66
RGB Percent	18%, 93%, 26%
CMY	0.8157, 0.0745, 0.7412
CMYK	0.80, 0.00, 0.72, 0.07
HSL	126°, 83%, 55%
HSV	126°, 80%, 93%
XYZ	32.1511, 60.9886, 15.2317
YIQ	160.1090, -58.0740, -92.9380

# Conversions

## Conversions Part 2

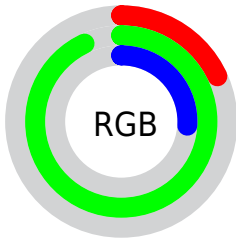
Format	Color
<a href="#">RYB</a>	<a href="#">47, 219, 236</a>
Decimal	<a href="#">3140674</a>
CIELab	<a href="#">82.37, -75.64, 65.79</a>
CIELCh	<a href="#">82, 100.243, 138.985</a>
Yxy	<a href="#">60.9886, 0.2967, 0.5628</a>
Android (android.graphics.Color)	<a href="#">4281330754 (0xFF2FEC42)</a>
YUV	<a href="#">160.1090, -46.3957, -99.1966</a>
Hunter-Lab	<a href="#">78.0952, -63.1797, 43.1027</a>

# Details

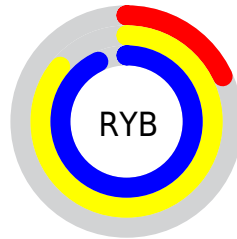
The Android color `4281330754` is a dark color, and the websafe version is hex `33FF66`. The color can be described as dark washed green. A complement of this color would be `4293668825`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4286513019`, and `4278235648` is the 20% darker color. If you saturate the color by 10%, you get `4279757869`, and if you desaturate by 10%, it is `4282903639`.

# Distribution



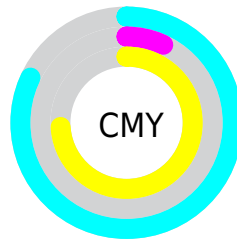
- Red (18%)
- Green (93%)
- Blue (26%)



- Red (18%)
- Yellow (86%)
- Blue (93%)



- Cyan (80%)
- Magenta (0%)
- Yellow (72%)
- Black (7%)




- Cyan (82%)
- Magenta (7%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4281330754 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 4281330754 by changing the saturation by 10% instead.



 4281330754

 4281330754

4294967295

 4278243105

 4286513019

 4278235648

 4288675735

 4278228736

 4290772916

 4278221568

 4292870097

 4278214912

 4294901742

 4278208256

 4278201856

 4278193920

 4278190080

 4281330754

 4281330754

 4279757869

 4282903639

 4278250520

 4284410988

 4285983874

 4287491223

 4289064108

 4290636993

 4292144343

 4293717228

 4294962431

# Harmonies

## Analogous

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



4290632192



4281330754



4278252966

# Triad

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



4281330754



4278248191



4294927766

# Complementary

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



4281330754



4293668825

# 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.



4294928116



4281330754



4285383679

# Square

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



4281330754



4278252287



4294940159



4294938940

# Rectangle

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



4281330754



4278253544



4294940159



4294925749

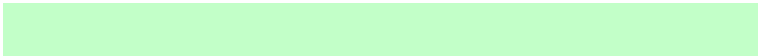


# Sweetspot

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



4281330754



4290969544



4292471855



4284186718



4278190080



4286611584



# Same Dimension

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



4281330754



4278910755



4281330848



4285166955



4278236434



4278203909



# Inverse Universe

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



4293668825



4294904550



4293668731



4285885044



4290052259

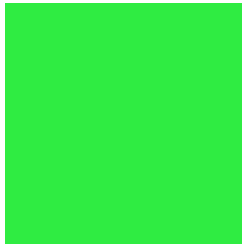


4281729072



# Previews

## White Background



This preview shows how the Android color 4281330754 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 4281330754 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 4281330754 Background



This preview shows how black text looks on a background with the Android color 4281330754.

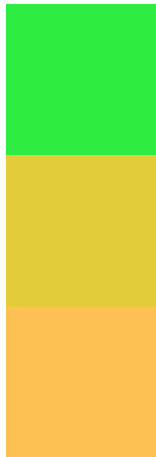


This preview shows how white text looks on a background with the Android color 4281330754.

# 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



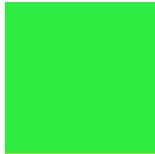
**Original Color**  
4281330754

**Protanopia**  
4293184314

**Deuteranopia**  
4294754642



# Trichromacy



**Original Color**

4281330754



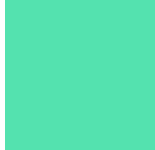
**Protanomaly**

4288862013



**Deuteranomaly**

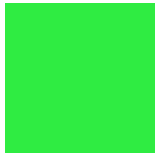
4289843532



**Tritanomaly**

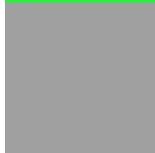
4283753135

# Monochromacy



**Original Color**

4281330754



**Achromatopsia**

4288716960



**Achromatomaly**

4286037118

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281330754 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, 236, 66)` looks like.

```
.text, #text, p{  
    color:rgb(47, 236, 66)  
}
```

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, 236, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 236, 66) }
```

## Border

The CSS property to change the border of an element to Android 4281330754 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, 236, 66) }
```

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

```
.border{ border-color:rgb(47, 236, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 236, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 236, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 236, 66);  
box-shadow:4px 4px 4px 4px rgb(47, 236,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4281330754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 236, 66) }
```

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

```
.background{ background-color: rgb(47, 236,  
66) }
```

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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